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COMPLETE
ANNUAL 1930 CATALOG

"Everything for the Garden but the Rain"

MEDFORD
OREGON

Your Seedsmen
Since 1910

Vegetable Seed Trials O. N. Shoemaker FEB 2 C 192

Monarch Seed & Feed Co.

Medford, Oregon

We have prepared this catalog for the market and home gardener, for those interested in poultry, and the general farmer and home owner. Listing:

Seeds, Poultry and Bee Supplies, Insecticides

WE SHIP BY PARCEL POST ANYWHERE

Parcel Post Rates

Pounds	LOCAL 1st and 2d Zones 1 to 150 miles	Third Zone 151 to 300 miles	Fourth Zone 301 to 600 miles
1	$.07	$.08	$.09
2	.08	.10	.13
3	.09	.12	.17
4	.10	.14	.21
5	.11	.16	.25
6	.12	.18	.29
7	.13	.20	.33
8	.14	.22	.37
9	.15	.24	.41
10	.16	.26	.45

Notes About Parcel Post

Poisons cannot be sent by mail.

Weight limit in first, second and third zones, 70 pounds; in other zones, 50 pounds.

Liquids and goods packed in glass should be sent by express.

Customers Please Take Notice

Our Terms Are Strictly Cash With Order. We prefer not to send seeds C. O. D., unless order is accompanied by at least one-third of the amount of the order.

How to Remit. Send postal money order, express money order, or check. Stamps will do if your order is for a small amount.

Free Delivery. We prepay postage on all seeds purchased by the packet, ounce, quarter-pound, half-pound and pound, unless otherwise noted. **Be sure to add postage to those items not postpaid.**

Lower Freight Rates and Quick Shipments. For large orders, shipments by freight are much cheaper than by express.

Errors. We exercise every care in handling your orders, but should an error occur, kindly write us at once, and we will adjust it promptly.

You Run No Risk in sending cash with order. Our reputation as honest and reliable seedsmen is well known, while our financial standing may be learned from any merchant who subscribes for commercial-agency reports.

All prices in this catalog are subject to change without notice.

Reports—Good or Bad. Will you help us to attain greater success by writing and telling us how our Seeds and Supplies reach you, how they grow and **how you like them?** We will certainly appreciate it. Your criticisms, if you have any, as well as your praises, are desired.

Non-Warranty—Most of the failures with seeds are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success, and although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we still give no warranty as to description, quality or productiveness of any of the seeds we send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods under these conditions, they are to be at once returned.

WE DO NOT GUARANTEE REPLACEMENT OF GOODS SENT BY MAIL. An additional remittance of five cents will insure any mail package.

CAMPBELL PRINTING COMPANY, DES MOINES, IOWA.

25c COUPON

25c COUPON

Profit Sharing Coupon

Worth 25 Cents on all Vegetable and Flower Seed Orders of $1.50 or Over

IF YOUR ORDER FOR

Vegetable or Flower Seeds

Amounts to $1.50 or Over Deduct 25c for this Coupon

DO NOT USE BUT ONE COUPON ON AN ORDER.

Be sure to enclose this profit-sharing coupon with your order if you deduct the 25 cents.

THIS COUPON IS ALSO GOOD IF PRESENTED AT OUR STORE

Monarch Seed and Feed Co.

MEDFORD, OREGON

25c COUPON

25c COUPON

50c COUPON

50c COUPON

Profit Sharing Coupon

Worth 50 Cents on All Vegetable and Flower Seed Orders of $3.00 or Over

IF YOUR ORDER FOR

Vegetable or Flower Seeds

Amounts to $3.00 or Over Deduct 50c for this Coupon

DO NOT USE BUT ONE COUPON ON AN ORDER.

Be sure to enclose this profit-sharing coupon with your order if you deduct the 50 cents.

THIS COUPON IS ALSO GOOD IF PRESENTED AT OUR STORE

Monarch Seed and Feed Co.

MEDFORD, OREGON

50c COUPON

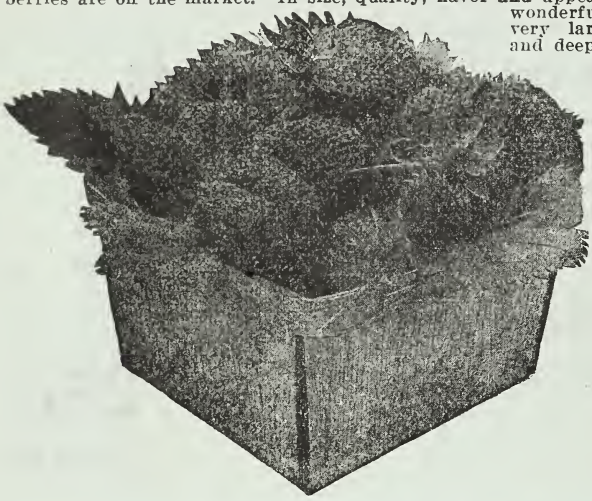
50c COUPON

MASTODON
Strawberry Plants

(Officially Inspected—Disease Free)

THE WORLD'S GREATEST EVERBEARING STRAWBERRY!

Nothing like it has ever been achieved before. MASTODON produces a bumper crop from early spring to late fall, being particularly prolific during August, September and October when other berries are off the market. In size, quality, flavor and appearance, MASTODON heads the list. This wonderful berry, unlike other everbearers, has very large plants; vigorous, heavily crowned and deep rooted. Plants set in February, March or April will be in full bearing by mid-summer, and going strong in the fall. Many of the berries grow as large as a silver dollar, and are just as perfect. Mastodon is the real marvel in Strawberries. It does not require special soil, petting or care. Just plant them out this Spring in ordinary soil that will produce good garden or farm crops, give them only ordinary care, keep the blossoms cut off until July 1, and you'll have a heavy crop of the finest berries from mid-summer on to freezing weather.



Our plants are large, vigorous, healthy; heavily rooted; have large, full crowns; carefully grown and are free from disease and pests.

Prepaid: Dozen 50c; 25, $1.00; 50, $1.50; 100, $2.50.

Not Prepaid: Dozen, 35c; 25, 75c; 50, $1.25; 100, $2.00.

Kill Rats— Without Poison

A New Exterminator that is Absolutely Safe to use Anywhere!

Will not injure human beings, livestock, dogs, cats, poultry, yet is deadly to rats and mice every time.

Poisons are too dangerous

K-R-O does not contain arsenic, phosphorus, barium carbonate or any deadly poison. Made of powdered squill as recommended by the U. S. Dept. of Agriculture in their latest bulletin on "Rat Control."

"One of our good customers just told us he gathered 105 dead rats on his farm from using a 2-ounce package of K-R-O. We hear of many finding 30 or 40 rats after using K-R-O, which is highly successful and should please you." Wolgamot's Drug Store, Richwood, O.

75¢ at all stores; large size (four times as much) $2.00. Sent postpaid direct from us if dealer cannot supply you. **SOLD ON MONEY-BACK GUARANTEE.** The K-R-O Company, Springfield, Ohio.

K-R-O
KILLS-RATS-ONLY

Add 5c postage to above prices on K-R-O.

YOU PLANT ALFALFA TO STAND FOR YEARS—SO PLANT OUR

Long Lived—Mountain Grown ALFALFA SEED

From Non-Irrigated Stands

This picture was taken in a field on the Ranch of George Warrens in Surprise Valley, where our seed originates.

THE ROMANCE AND HISTORY OF ALFALFA SEED

During the year 1849, early pioneers in quest of gold on their way to California by way of Cape Horn, brought alfalfa seed from Chile to California. This seed carried in by the gold seeking pioneers became the pioneer alfalfa of the United States; for it was the first alfalfa that really felt at home and flourished. As all good things do, it spread from California to other states and from it sprung the immense alfalfa acreages in our country today. Through the importations of less desirable alfalfa seed, this pioneer Chilean alfalfa has almost lost its identity. There is one place, however, where it has held its own and has remained identical to its kind. The reason for this, doubtless is, because early settlers brought it into Surprise Valley, in Modoc County, a beautiful, fertile valley lying high up in the mountains of Northern California where alfalfa growers have held to this strain, pinning their faith to its ability to produce superior seed; a faith that has rewarded them mightily. Surprise Valley seed is demanded by those dealers who strive to give their customers the best, and for that seed they are willing to pay a premium. We have sold Surprise Valley seed for more than ten years and know whereof we speak.

This Mountain grown seed, grown under the severest winter weather conditions, harvested from old stands; stands, some of which are past the 25 year mark, will produce fields that out-lived alfalfa grown from hot-climate seed. Southern grown alfalfa seed planted side-by-side with our Hardy Mountain Grown seed will produce a good stand and little difference will be noted for 2 or 3 years, but from then on the worth of Mountain Grown seed is revealed. Our Hardy Alfalfa seed will produce a heavy stand for years while the stand planted to hot-climate seed will have thinned out to the point where it is unprofitable to continue cutting the crop and it becomes necessary to plow it up and re-seed. Avoid that needless expense by planting the right seed at the start.

BE SURE TO WRITE US FOR PRICES AND SAMPLES BEFORE YOU BUY.

PLANTING CHART

Kind of Vegetables	Seeds or Roots Required for 100 feet of Drill	One Acre	Distance for Plants to Stand — Rows Apart: Horse Cultivation	Rows Apart: Hand Cultivation	Plants Apart in Rows	Depth of Planting	Ready for Use After Planting—About
Asparagus							
seed	1 ounce	5 lbs.	30 to 36 in.	1 to 2 ft.	3 in.	1 in.	2 years
roots	60 to 80 roots		3 to 5 ft.	12 to 24 in.	15 to 20 in.	3 to 5 in.	1 year
Beans, dwarf	1¼ lbs.	80 to 125 lbs.	30 to 36 in.	18 to 24 in.	2 in.	1 to 3 in.	42 to 75 days
Beans, pole	½ lb.	40 lbs.	3 to 4 ft.	3 to 4 ft.	12 in.	1 to 3 in.	72 to 90 days
Beets	2 ounces	6 lbs.	28 to 36 in.	12 to 18 in.	2 in.	1 in.	45 to 60 days
Brussels Sprouts	3 pkts.	2 ounces	30 to 36 in.	24 to 30 in.	16 to 24 in.	½ in.	100 to 120 days
Cabbage, early	3 pkts.	½ lb.	30 to 36 in.	24 to 30 in.	12 to 18 in.	½ in.	90 to 110 days
late	3 pkts.	½ lb.	30 to 40 in.	24 to 36 in.	16 to 24 in.	½ in.	110 to 120 days
Carrot	1 ounce	4 lbs.	30 to 36 in.	18 to 24 in.	2 in.	½ in.	55 to 80 days
Cauliflower	3 pkts.	1 ounce	30 to 36 in.	24 to 30 in.	14 to 18 in.	½ in.	120 to 150 days
Collards	3 pkts.	¼ lb.	30 to 36 in.	24 to 30 in.	14 to 18 in.	½ in.	100 to 120 days
Corn, sweet	½ lb.	10 lbs.	36 to 42 in.	30 to 36 in.	18 in.	1 in.	55 to 90 days
Cress, water	4 pkts.		Broadcast			Under water	60 to 70 days
Cucumber	½ ounce	2 lbs.	4 to 6 ft.	4 to 6 ft.	4 every 3 ft.	1 in.	50 to 70 days
Eggplant	2 pkts.	¼ lb.	30 to 36 in.	24 to 30 in.	18 in.	½ in.	125 to 140 days
Endive	1 ounce	2 lbs.	30 in.	18 in.	12 in.	½ in.	100 days
Horse Radish	70 roots		30 to 40 in.	24 to 30 in.	20 in.	3 to 4 in.	1 year
Kale, or Borecole	3 pkts.	1 lb.	30 to 36 in.	18 to 24 in.	18 in.	½ in.	55 to 60 days
Kohl-rabi	3 pkts.	1 lb.	30 to 36 in.	18 to 24 in.	6 in.	½ in.	55 to 70 days
Leek	½ ounce	4 lbs.	30 to 36 in.	14 to 20 in.	4 in.	½ in.	120 to 150 days
Lettuce	½ ounce	2 lbs.	30 in.	12 to 18 in.	6 in.	½ in.	70 to 90 days
Muskmelon	½ ounce	2 lbs.	6 to 8 ft.	6 to 8 ft.	4 every 4 ft.	1 in.	85 to 150 days
Watermelon	1 ounce	3 lbs.	8 to 12 ft.	8 to 12 ft.	4 every 6 ft.	1 in.	100 to 130 days
Mustard	3 pkts.	1 lb.	30 to 36 in.	12 to 18 in.	4 or 5 to ft.	¼ in.	60 to 90 days
New Zealand Spinach	1 ounce	8 lbs.	36 in.	24 to 36 in.	12 in.	1 to 2 in.	60 to 100 days
Okra	2 ounces	8 lbs.	4 to 5 ft.	3 to 4 ft.	24 in.	1 in.	90 to 140 days
Onion, seed	1 ounce	3 lbs.	24 to 36 in.	12 to 18 in.	2 in.	½ in.	125 to 150 days
Onion, sets	1 qt. of sets	50 lbs.	24 to 36 in.	12 to 18 in.	4 or 5 to ft.	1 in.	100 days
Parsley	3 pkts.	3 lbs.	24 to 36 in.	12 to 18 in.	3 in.	⅛ in.	65 to 90 days
Parsnip	½ ounce	3 lbs.	30 to 36 in.	18 to 24 in.	2 in.	½ in.	130 days
Peas	1 lb.	60 lbs.	3 to 4 ft.	30 to 36 in.	1 in.	1 in.	45 to 75 days
Pepper	2 pkts.	2 ounces	30 to 36 in.	18 to 24 in.	15 in.	½ in.	130 to 150 days
Potatoes, Irish	5 lbs.	16 bu.	30 to 36 in.	24 to 36 in.	14 in.	4 in.	90 to 150 days
Sweet	3 lbs. (or 75 slips)		3 to 5 ft.	3 to 5 ft.	14 in.	3 in.	150 days
Pumpkin	½ ounce	4 lbs.	8 to 12 ft.	8 to 12 ft.	4 every 6 ft.	1 in.	75 to 90 days
Radish	1 ounce	10 lbs.	24 to 36 in.	12 to 18 in.	1 in.	½ in.	20 to 75 days
Rhubarb, seed	½ ounce		36 in.	30 to 36 in.	6 in.	½ to 1 in.	3 years
roots	33 roots		3 to 5 ft.	3 to 5 ft.	3 ft.	2 to 3 in.	1 year
Ruta-baga	3 pkts.	2 lbs.	30 to 36 in.	18 to 24 in.	6 in.	½ to 1 in.	90 days
Salsify	1 ounce	8 lbs.	30 to 36 in.	18 to 24 in.	2 in.	½ in.	150 days
Spinach	1 ounce	12 lbs. sown Broadcast 30 lbs.	30 to 36 in.	12 to 18 in.	2 in.	1 in.	45 days is min.
Squash, Summer	½ ounce	4 lbs.	3 to 4 ft.	3 to 4 ft.	4 every 4 ft.	1 in.	65 to 70 days
Tomato	2 pkts.	1½ ozs.	3 to 5 ft.	3 to 4 ft.	3 to 4 ft.	½ in.	125 to 150 days
Turnip	1 ounce	1 lb. sown Br'dcast 3 lbs.	24 to 36 in.	18 to 24 in.	2 in.	¼ in.	45 to 90 days

CYANOGAS for the control of Ants, Rats, Fleas, Moles, Gophers, Snails and Slugs, Digger Squirrels and many other pests. Cyanogas kills by giving off a poison gas on exposure to the moisture in the air or soil. This characteristic makes it easy to apply. The residue after the gas has escaped is largely ordinary slaked lime which is harmless to stock. To kill Moles, open runways at intervals of 15 to 25 feet; and put in a tablespoonful of Cyanogas. Leave the hole open and see results. An application of Cyanogas to the infested area will quickly rid the garden of slugs or snails. Price on larger quantities upon application. **Cyanogas is a poison and cannot be sent through the mails.**

Pound Can, 75c; Half Pound Can, 50c.

Vegetable Seeds

Dwarf or Bush Beans

One pound will plant a row 100 feet long; about 1¼ bushels to the acre.

HOW TO GROW DWARF or BUSH BEANS—Make the rows 18 inches or 2 feet apart, and drop the beans 4 inches apart in the row. If the soil is warm and loose, plant 2 inches deep; if rather cold and wet, plant only one inch deep. Beans, especially the yellow - podded varieties, will rot very easily if planted when the soil is wet and the atmosphere is cold. If you do not want to run the risk of replanting them, do not plant your beans until the soil is warm. Cultivate often but never when the plants are wet, as this brings on rust. Pick the beans as fast as they become fit for use: this makes them bear longer.

Green Podded Varieties

Unless otherwise noted

Prices postpaid. Pkt. 15c; ½ lb. 25c; 1 lb. 35c; 10 lbs. $3.00.

MONARCH IMPROVED STRINGLESS GREEN-POD — A very desirable dwarf green-podded sort for home garden and largely grown for the market. Plants are large, spreading and productive. Pods are medium green, 5 to 6 inches long, cylindrical, of high quality and remain crisp and tender a long time. Seeds are of a medium size and length and brown. Second to none as a home garden bean. **Pkt. 20c; ½ lb. 30c; 1 lb. 50c; 10 lbs. $4.00.**

EXTRA EARLY REFUGEE—Medium sized round light green pods of good quality. Early and of good flavor. Plants are a little smaller, more upright and the leaves larger than those of the late Refugee. Our stock is uniform, the vines ripening pods well together and long before those of Refugee or Thousand to One. This is an excellent snap bean for early market and stands shipment well.

RFFUGEE or 1000 TO 1—Our Selected Strain. If there is a dwarf bean so prolific as our selection of Refugee we have never found it. As many as 150 pods are found on one vine. These pods are long and green, becoming lighter in color as they mature. Not an extra early bean, but a hardy one and an extra heavy bearer. The quality is good. Grown widely for market, because it is profitable. Not entirely stringless.

FXTRA EARLY RED VALENTINE—A popular variety; erect vine with dark green leaves. Pods of medium length; fleshy, round and saddle-backed, with only slight strings.

Wax or Yellow Podded

Monarch Golden Wax A very popular variety. The plants are hardy and very productive. Pods are long, nearly straight, broad and flat, and golden yellow; seed white, more or less covered with two shades of purplish red. None will be found better in all ways than our selection of Golden Wax.

Extra Early Refugee

DAVIS WHITE WAX—An extremely hardy, productive, white-seeded, wax-podded sort. You can't go wrong on this fine bean. A good shell bean.

IMPROVED PROLIFIC DWARF BLACK WAX—Dwarf bush growth and very prolific. One of the earliest. Pods 4 to 5 inches long, usually curved, quite round; meaty, brittle and stringless; deep golden yellow of excellent flavor.

It Sprays Continuously

THIS ALL BRASS SPRAYER, $1.60 POSTPAID. SEE PAGE 42 FOR OTHER TYPES OF SPRAYERS.

Fertilizers Pay Big Dividends—Write us for Information on their uses.

Beans—(Continued)

Pole or Running Varieties

Prices postpaid, pkt. 15c; ½ lb. 25c; 1 lb. 35c; 10 lbs. $3.00, unless otherwise noted.

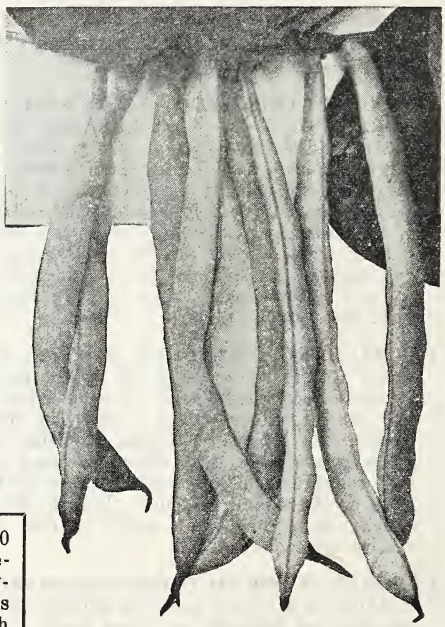
CULTURE—One pound will plant 50 hills, 30 pounds per acre. The soil should be mellow, rich and warm. Lay the ground out in hills 4 feet apart each way, and set poles 8 to 10 feet long firmly in the hills before planting the seed. Plant 5 or 6 beans in a hill and cover about 2 inches deep; leave three plants at each pole, and when a few inches high draw a little earth around them as support. Set the poles before the plants have grown to large size; many gardeners consider it an advantage to set the poles when planting, thus avoiding disturbing the small plant or its roots.

INOCULATE THIS SEED WITH STIMUGERM

See Page 23

Monarch Kentucky Wonder Wax

This vigorous wax podded pole bean is very similar to the green podded Kentucky Wonder, but the pods are broader. They are very fleshy and stringless as snaps and are of excellent quality. The pods are very long, handsome light yellow, often eight to nine inches in length. We venture the assertion that Kentucky Wonder Wax is far superior to any other pole variety. If you have never tried this bean order a few now. **Pkt. 20c; ½ lb. 30c; lb. 50c; 10 lbs. $3.75.**



Monarch Kentucky Wonder Wax

SCARLET RUNNER—Very popular English pole bean; free climber. Attractive as a porch or trellis climber.

KENTUCKY WONDER OR OLD HOMESTEAD—A vigorous climber; very prolific, bearing in clusters extremely long and very fleshy; succulent pods, flat, thick and remarkably tender. A main cannery stock bean.

NAVY BEANS—A small white bean grown and harvested as a dry bean. This is the most popular of the dry beans. Dwarf, field bean. **Per lb. 35c.**

OREGON GIANT GREEN POD—Pods measuring 10 to 12 inches are stringless, tender and crisp deliciously flavored. Oregon Giant is a strong grower and yields heavily, bearing its enormous pods in great clusters. The color is a light greenish yellow, splashed red. **Pkt. 20c; ½ lb. 30c; lb. 50c; postpaid.**

Don't Cultivate Beans when wet —they will rust.

Lima Beans

Prices postpaid, Pkt. 20c; ½ lb. 30c; 1 lb. 50c.

KING OF THE GARDEN—One of the best and most popular main crop varieties. It is medium early and has very long pods, 5½ to 6½ inches long, which are well filled with four or five good-sized beans. A climber.

OREGON POLE—An excellent variety for Southern Oregon and Northern California. Strong, vigorous grower. In July the blooms come in long panicles from the top shoots and the large, broad pods are freely produced until frost. They are in "prime" condition when the pods begin to turn yellow. Acclimated seed. A climber.

BURPEE'S BUSH LIMA—They grow into branching circular bushes, 18 to 20 inches high and 2 to 3 feet across. The strong constitution of the plant is shown in its stout, thick stalks and large, deep green, leathery leaves, as much as in its enormous yield of thick, broad, handsome pods, which are as large and well filled as those of the Pole Limas.

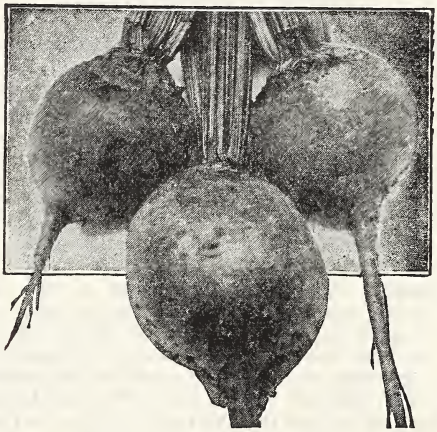
Market Gardeners Write for Quantity Prices.

Beets

CULTURE—Well enriched, light soil is best adapted for the culture of beets. Sow in drills 1 foot apart and cover half inch. It is important that the earth be pressed firmly about the seed. When the plants are large enough, thin to 4 inches apart. Use thinnings for greens if desired. For early crop, sow as soon as the ground can be worked, and continue for succession until the first of July. Liberal manuring should be done for Mangels and Sugar Beets. They should stand 10 to 12 inches apart in the rows.

Monarch Detroit Dark Red This is one of the best for market and home garden, and on account of its uniformly deep rich color the most desirable for canning. The roots are medium sized, globular, very smooth and dark blood red color. A desirable variety for bunching. **Pkt. 10c; oz. 15c; ¼ lb. 35c; 1 lb. $1.00.**

EXTRA EARLY EGYPTIAN — A blood turnip beet, excellent for first early crop outdoors. The roots are very dark red, moderately thick, a little rounded on top, and flat on the bottom and about two inches in diameter when mature. Flesh, dark, purplish red zoned lighter shade; firm, crisp and tender. Popular for market gardeners but not as desirable for home garden as some of the later sorts. **Pkt. 10c; oz. 15c; ¼ lb. 35c; 1 lb. $1.00.**



Monarch Detroit Dark Red

Medford, Oregon

Dear Sirs: Six weeks from seed and $50.00 worth of turnips from a small patch is my record with your Purple Top White Globe turnip seed.

John Wheeler, Rt. 3.

MONARCH IMPROVED BLOOD TURNIP—A turnip shaped beet with deep red flesh. Tops green. A fine selected strain. The quality of our strain is unusually good; the texture being fine and even and the roots superior in every way. We recommend this as a most excellent sort for home or market planting. Beets are regular and finest appearance. **Pkt. 10c; oz. 20c; ¼ lb. 35c; 1 lb $1.25.**

SWISS CHARD OR SEA KALE—Grown exclusively for its leaves. The middle of the leaf can be used and served like asparagus, the rest of the leaf like spinach. **Pkt. 10c; oz. 20c; ¼ lb. 40c; 1 lb. $1.25.**

Mangel-Wurzels

GIANT HALF-SUGAR MANGEL. Very desirable for stock feeding, affording not only a very large crop much easier to harvest than other sorts, but also having higher nutritive value, being especially rich in sugar. Growing partly out of the ground they are easily harvested. **Oz. 10c; ½ lb. 40c; 1 lb. 65c.**

MAMMOTH LONG RED—The largest of all mangels and the heaviest cropper. Skin is red, flesh white, zoned with red. This variety produces a larger amount of good feed than any other beet and is recommended as superior to all others. **Oz. 10c; ½ lb. 40c; 1 lb. 60c.**

GOLDEN TANKARD—Yellow fleshed. Grows partly above ground. The flesh is very solid, yellow-zoned white. Makes a fine feed and cattle do not tire of it. **Oz. 10c; ½ lb. 40c; 1 lb. 60c.**

DANISH SLUDSTRUP—Long, reddish-yellow, grows well above the ground and is easy to pull. Has repeatedly been awarded a first class certificate by Danish Government. Sludstrup is a heavy cropper and dairymen are using it in increasing amounts each year. **Oz 10c; ½ lb. 40c; 1 lb. 60c.**

Tune in on KMED "The Voice of a Great Country"

Every Tuesday between 12:30 and 1:30 P. M.

Cabbage

CULTURE—The earliest cabbages may be enjoyed in May from seeds sown in the house or hot-bed. Early Jersey Wakefield matures in 90 days, and later varieties in 100 to 115 days. Both early and mid-season varieties should be started in house or hot-bed, and for late or Fall varieties sow the seed in the seed bed in May and early June. Plenty of room should be given plants, at least two feet each way. They need a light and well watered soil, rich in nitrogen. Frequent applications of nitrate of soda or sulphate of ammonia or some other nitrogenous fertilizer will work wonders. Cabbage worms may be kept off by dusting with our Sulfo-Lead dust or spraying with arsenate of lead.

FIRST EARLY SORTS

Monarch Copenhagen Market

Heads average around ten pounds each in weight, are hard and solid with small core. Quality is extra fine and sweet; matures early as Wakefield and yields more per acre in weight. It is a short stemmed variety, the heads nearly resting on the ground. Leaves are light green, rather small, saucer-shaped and tightly folded, making it possible to set them close together in the field. **Pkt. 10c; oz. 35c; ¼ lb. $1.25; 1 lb. $3.75.**

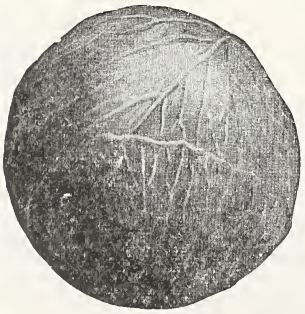
EARLY JERSEY WAKEFIELD — The best early variety. Heads of medium size, pyramidical, pointed, firm and solid, with few outside leaves; very uniform in shape, size and time of maturing; excellent for market. **Pkt. 10c; oz. 35c; ¼ lb. $1.00; 1 lb. $3.25.**

EARLY WINNINGSTADT—A sugar-loaf variety some three weeks later than the earlier sorts; grows to a good size and does better than other sorts on light soil. **Pkt. 10c; oz. 40c; ¼ lb. $1.25; 1 lb. $3.50.**

EARLY DWARF FLAT DUTCH—Everyone knows its quality. **Pkt. 10c; oz. 35c; ¼ lb. $1.00; 1 lb. $3.00.**

LATE SORTS

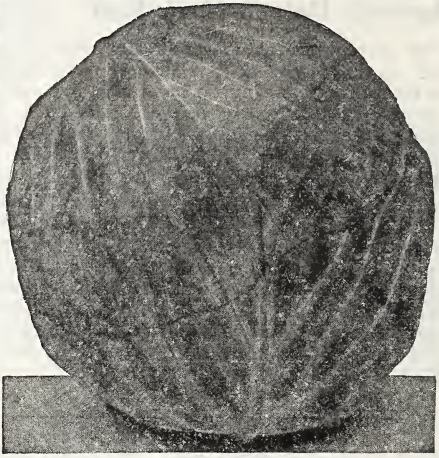
GIANT LATE FLAT DUTCH—This is superior to any other late cabbage in cultivation. It possesses all the good qualities of the Late Flat Dutch of popular favor, but attains greater size and weight and is a sure header. Flattish round heads, very solid and firm; has rather tall stout stem. **Pkt. 10c; oz. 40c; ¼ lb. $1.25; 1 lb. $3.50.**



Danish Ballhead

DANISH BALLHEAD or HOLLANDER—A very late variety forming globular heads; very hard and solid. Keeps well and is a good shipper. Color bluish-green. **Pkt. 10c, oz. 30c; ¼ lb. $1.25; lb. $3.50.**

MAMMOTH ROCK RED—Used for pickling. The heads are very fine and remarkably sure heading. This we believe to be the best red cabbage. **Pkt. 10c; oz. 35c; ¼ lb. $1.00.**



Golden Acre Cabbage

Among the many new varieties of vegetables being constantly offered there is an occasional one of real merit. The Golden Acre Cabbage is one of this kind. For the past four years trial grounds have shown the Golden Acre Cabbage to be a week or ten days earlier than any of the early round headed sorts. It is also very uniform in heading, permitting the taking advantage of early markets at high prices. It has a round, very solid, medium green head.

We have been hearing from some of our customers who have received entire satisfaction from this excellent sort. The seed of Golden Acre is grown for us under contract, with the originator, and we are paying a long price for the seed, in order that all possible care can be taken with it. If you want an extra-early variety that is good in every way, the Golden Acre is the one to buy. **Pkt. 15c; ½ oz. 50c; oz. 75c; ¼ lb. $2.50; lb. $8.00, postpaid.**

We sell thousands of Cabbage plants each season. Write for prices.

Brussels Sprouts

DWARF IMPROVED — A carefully grown strain; very hardy and giving compact, round sprouts of large size and good quality. **Pkt. 10c; oz. 30c; ¼ lb. $1.00.**

Broccoli

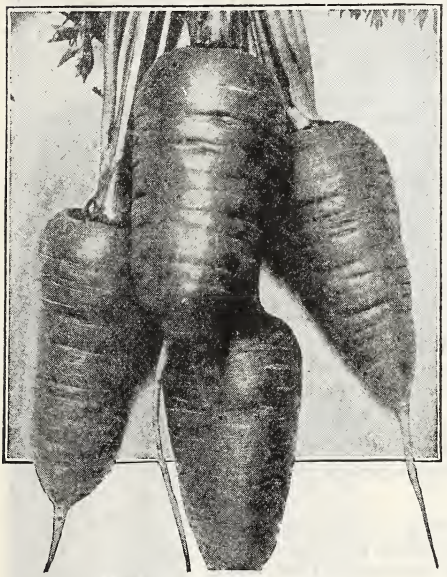
CULTURE—Plant in open ground in May and June, transplanting later when plants are of sufficient strength and size to place in field. Culture same as for Cabbage or Cauliflower.

ST. VALENTINES — Fine quality, immense header; ready for market early. Heads remain in good condition longer than most varieties. **Pkt. 15c; oz. $1.50; ¼ lb. $5.00**

Sulphate of Ammonia Boosts Cabbage Yields.

Carrots

CULTURE—Carrot seed can be sown early and late in Southern Oregon. As soon as the ground can be worked in Feb. carrots may be sown. They like a well cultivated and loamy soil. Use fertilizer liberally. Sow in rows (table varieties) 16 to 18 inches apart, and for field culture sow in drills 18 to 24 inches apart. Cover one-half to an inch deep and firm soil well over seed.



Monarch Coreless Carrots

Monarch Coreless Carrot

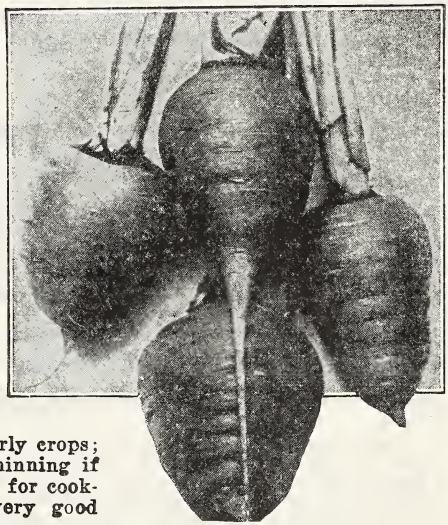
A Superior Carrot. It is coreless, brittle, fine-grained and of fine mild sweet flavor. The color is reddish orange and the skin smooth. It is 5 inches long, cylindrical and very stump-rooted. Our seed is continually being bred for trueness to type and for elimination of core. We feel our customers will agree with us that this is our finest carrot. This Coreless Carrot is greatly in demand by our market gardener trade. It bunches well and its delicious flavor and appearance makes it a lively seller to the vegetable buyers. **Pkt. 10c; oz. 25c; ¼ lb. 50c; 1 lb. $1.50.**

OXHEART or GUERANDE—Is a variety of very rapid growth, each attains a weight of more than one pound. It is thick, 5 inches long, has very fine flavor and general good quality and tenderness which make it desirable. Home and market growers find it the best second early, a little earlier and shorter than the Chantenay, good color. **Pkt. 10c; oz. 20c; ¼ lb. 35c; 1 lb. $1.00.**

CHANTENAY—Conceded one of the best bunching sorts. It is nearly two weeks earlier than Danver's Half Long. Slightly shorter and more stump rooted. Its productiveness also makes it a very desirable field type. Quality is fine, tender, crisp and free from hard core. Flesh is a deep golden orange. Surface smooth and handsome in appearance. Matures in about 65 days. A good keeper for winter use. **Pkt. 10c; oz. 20c; ¼ lb. 40c; 1 lb. $1.00.**

DANVERS HALF-LONG—Excellent for bunching and a favorite among market gardeners. The roots are just the right length, smooth, well formed and of fine color. **Pkt. 10c; oz. 20c; ¼ lb. 40c; 1 lb. $1.00.**

EARLY SCARLET HORN—Best for forcing and early crops; can be grown in shallow soils and requires no thinning if sparingly sown, as the roots are used when young for cooking. They are about 3 inches long and of very good quality. **Pkt. 10c; oz. 20c; ¼ lb. 40c; 1 lb. $1.00.**



Oxheart

LARGE WHITE BELGIAN — Extensively grown for stock. Grows above ground. **Oz 20c; ¼ lb. 35c; Lb. $1.00.**

Cauliflower

CULTURE—Cauliflower succeeds well in any soil that will grow good cabbage, but prefers a well enriched soil of loamy character. Sow seed early in February and March in hotbed, transplanting later to cold frame and thence to open ground.

EARLY SNOWBALL—This is the most popular for home garden and market. Produces a good crop and a sure header. **Pkt. 15c; ¼ oz. 90c; oz. $3.00.**

Extensive Dealers in Field Seeds—Write us for Prices.

Cucumbers

CULTURE—Reasonably good soil that is fully exposed to the sun will raise a good crop of Cucumbers. Every family should be supplied from its home garden, since the fruit is so much better when gathered fresh from the vines as desired for use than it is in the more or less wilted condition in which it is found on the market. Cucumbers are close relatives of melons but mature in about 60 days and may be brought to maturity with little trouble in the home garden. The seeds must be sown after the ground becomes warm, and the plants thinned to three or four to the hill. A very rich soil is the best precaution against insects and the blight The striped beetle should be kept away from the young plants with liberal applications of powdered arsenate of lead or our SULFO-LEAD DUST. Dust the under side of the leaves with NICO-DUST to kill aphis.

Monarch Improved Long Green The vines of our strain are very vigorous, and productive; the fruit (10 to 12 inches long) is formed almost as early as on the short sorts. As a cucumber of the "Black Spine" variety, for slicing and for pickles this is one of the very best. Flesh very firm, crisp and has a distinctive flavor; they make excellent pickles, and when yellow and ripe the best sweet pickles. **Pkt. 10c; oz. 20c; ¼ lb. 55c; 1 lb. $1.50.**

Monarch Imp. Long Green

DAVIS PERFECT—Fine length, slimness, beautiful dark green color, transparent-like flesh with deliciously cool refreshing flavor, and enjoyable crispness, are distinguishing features and qualities of this, the most popular of the extra long white spine cucumbers. For indoor and outdoor planting it is most popular. Its extremely vigorous growth makes it the best blight resister of the long sorts. **Pkt. 10c; oz. 25c; ¼ lb. 60c; 1 lb. $1.75, postpaid.**

EARLY WHITE SPINE—A fine sort for table use, fruiting early and abundantly. Fruit uniformly straight and very fine appearance. **Pkt. 10c; oz. 15c; ¼ lb. 50c; 1 lb. $1.25.**

BOSTON PICKLING—This is one of the best forcing cucumbers, inasmuch as it is a better producer than any of the other pickling sorts. Uniform in size and excellent size for pickling purposes. **Pkt. 10c; oz. 20c; ¼ lb. 40c; 1 lb. $1.25.**

LEMON CUCUMBER—This dainty little cucumber resembles a lemon, both in form and color, having a distinctive flavor superior to any not found in any other cucumber. Very prolific. **Pkt. 10c; oz. 20c; ¼ lb. 75c; 1 lb. $2.25.**

Early White Spine

Celery

CULTURE—One ounce will produce 5000 plants. Sow in light, rich soil, in shallow drills and cover the seed lightly with finely sifted mold. Prick the seedlings out into beds of very rich soil, 3 inches apart. Water freely and shade from sun until established. When the plants are 5 to 6 inches high transplant to rows 3 to 4 feet apart, according to the variety, allowing 8 inches between the plants in the rows. Earth up to blanch the stems, pressing the soil firmly around the plant almost to the top. Care must be taken not to cover the tops of the center shoots. Fertilize well.

FRENCH GOLDEN SELF-BLANCHING—The best celery for early market use. Of yellow color when matured. Brings the top prices. **Pkt. 10c; oz. 80c; ¼ lb. $2.25.**

WHITE PLUME—Best early variety for market gardeners or for family use; of white color. **Pkt. 10c; oz. 35c; ¼ lb. $1.00.**

Kale

1000 HEADED OR COW KALE—Frequently attains a growth of 6 to 8 feet and produces many of the smooth leaves. Largely used for feeding stock and poultry. **Oz. 10c; ¼ lb. 25c; 1 lb. 75c.**

DWARF CURLED SCOTCH—Long plume-like leaves with edges finely cut. **Pkt. 10c; oz. 15c; ¼ lb. 50c.**

BUY THE BEST — WE DO.

Sweet Corn

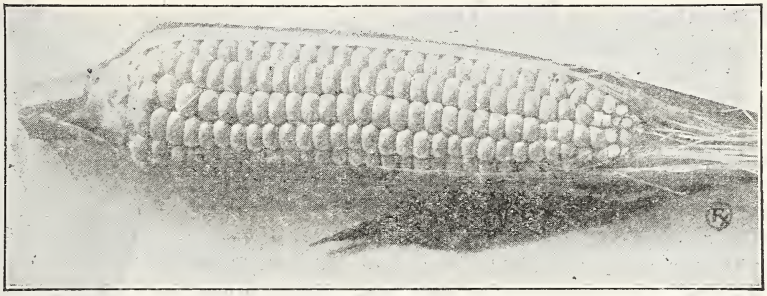
NORTHERN GROWN SEED

Prices Postpaid (Unless otherwise noted). Pkt. 15c; ½ lb. 20c; lb. 30c; 10 lbs. $2.75.

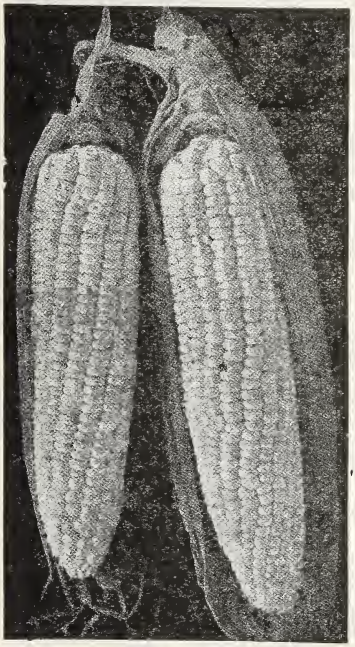
Golden Sunshine Sweet Corn

AN EARLIER GOLDEN BANTAM.

GOLDEN SUNSHINE — Price Pkt. 20c; ½ lb. 30c; lb. 50c, postpaid.



Golden Sunshine



Monarch Early Evergreen

In Golden Sunshine we have a new yellow corn which will come in the market a week to ten days earlier than Bantam, competing with the extra-early white varieties, and which will be gone before Bantam is ready to eat.

The plant growth is more dwarf than Bantam and the ears set closer to the ground. The ears are as large, measuring 6½ to 7 inches and 12 instead of 8 rowed. Of fine golden-yellow color, exceptionally sweet and sugary.

The Earliest and Best Early Golden Corn

MONARCH EARLY EVERGREEN—Northern grown seed. This corn is also one of the early, very large eared varieties of sweet corn. Ears measure 10 to 12 inches. It matures in about 60 to 65 days. In color the ears are pure white, exceptionally sweet, very luscious, tender and palatable. **Pkt. 15c; ½ lb. 25c; lb. 40c, postpaid.**

GOLDEN BANTAM—The original yellow sweet corn. Unsurpassed for an early corn of rich flavor. Ears of uniform size, as sweet as sugar and a good producer.

GOLDEN GIANT—Northern grown seed. Large, golden yellow ears of excellent quality. Larger than Golden Bantam and equally as luscious. Matures about 10 days after Golden Bantam. **Pkt. 20c; ½ lb. 25c; 1 lb. 40c; 10 lbs. $3.50.**

STOWELL'S EVERGREEN—Remarkable for remaining a long time in fresh condition suitable for the table. Hardy and productive, and the best late variety for general use.

Early Minnesota, Howling Mob and Country Gentleman carried in stock. Prices at top of page.

Pop Corn White Rice—Most profitable and popular; short ears, white, pointed kernels. **Pkt. 10c; ½ lb. 20c; 1 lb. 35c.**

Kohl Rabi

Hardy and easy of culture. Grown from plants the same as cabbage. The Kohl Rabi is a vegetable intermediate between the cabbage and turnip and combines the flavor of both. It should be eaten before growth ceases.

EARLY WHITE VIENNA—Very early; bulb white; best table variety. **Pkt. 10c; oz. 25c; ¼ lb. 85c.**

EARLY PURPLE VIENNA—Same as above except in color, which is purple. **Pkt. 10c; oz. 25c; ¼ lb. 85c.**

Insecticides for all Crops—Pages 34 and 35.

Lettuce

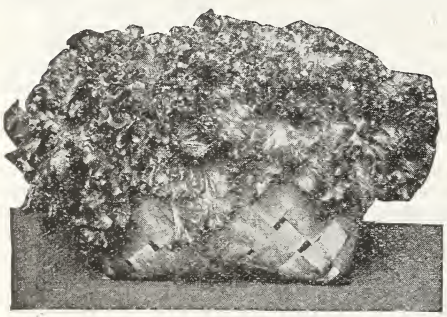
CULTURE—Lettuce to be at its best should be grown rapidly, hence the soil should be made as rich and friable as possible by liberal manuring and thorough preparation. For general crops sow outdoors as early in the spring as the ground can be worked, in drills 18 inches apart and thin the young plants to four inches apart in the row. As the plants begin to crowd, thin them out and use as required. For the cabbage or heading varieties where large heads are desired, the plants should be thinned ten to twelve inches apart in the row. Varieties marked "A" are particularly adapted for early spring use, those marked "B" for summer culture or late fall planting

Los Angeles or New York (B) — The best head lettuce for market gardeners. This is the mammoth head lettuce so largely grown for shipping. The market offers more possibilities for this lettuce than any other variety. The quality is unsurpassed, being tender, crisp, beautifully blanched to a creamy white with bright green outer leaves. A hardy, rapid grower; deep rooted and resistant to drought. Two year old seed carries a stronger germination than one-year old seed, hence we quote both.

One Year Seed—Pkt. 10c; oz. 30c; ¼ lb. 85c; lb. $2.50.
Two Yr. Seed—Pkt. 15c; oz. 40c; ¼ lb. $1.00; lb. $3.50.

HANSON (B)—One of the very best. Heads green outside and white inside; grow to a remarkable size, very solid, deliciously sweet, crisp and tender. It withstands the hot sun well. **Pkt. 10c; oz. 20c; ¼ lb. 60c; 1 lb. $1.50.**

Los Angeles Lettuce



Grand Rapids Lettuce

GRAND RAPIDS (A)—Very good for early forcing; of quick growth and stands for some days after being fit to cut. The plant is upright and forms a loose head or cluster of large, light yellowish green leaves, slightly crimped. Not considered a header. **Pkt. 10c; oz. 20c; ¼ lb. 70c; lb. $2.00.**

PRIZEHEAD (A)—Leaves of this fine lettuce are tinged red. Much preferred by those who like a red leafed lettuce. **Pkt. 10c; oz. 20c; ¼ lb. 70c; lb. $2.00.**

BROWN DUTCH—Forms a large, solid head; sweet, tender and of good flavor. Outer leaves are tinged with brown. It is very hardy. **Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. $1.50, postpaid.**

Leek

The Leek belongs to the onion family. Prized for soups. Cultivate same as onions, but should be hilled up about the neck to blanch it.

LARGE ROEN OR AMERICAN FLAG—A large favorite American sort. **Pkt. 10c; oz. 30c; ¼ lb. $1.00.**

Mustard

Mustard

The following varieties make the finest greens when used alone or if combined with cress furnishes a delicious salad. Sow any time in the spring, in rows, and thin out as necessary.

SOUTHERN GIANT CURLED—This is a giant curled leaf of fine quality. **Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. $1.00.**

WHITE ENGLISH—Light green variety; tender leaves. Seed light yellow and pungent. The commercial mustard seed is this sort. **Pkt. 10c; oz. 20c; ¼ lb. 40c.**

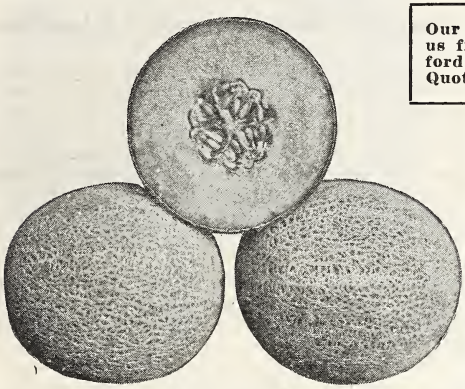
CHINESE MUSTARD—Less pungent than other varieties. A most delicious variety thriving under same conditions as spinach. **Pkt. 10c; oz. 15c; ¼ lb. 35c.**

Cheap Seed is Expensive to Sow.

Muskmelons

CULTURE—Plant in hills 4 to 6 feet apart each way after danger of frost is past and ground is warm; enrich well with well-rotted manure and plant seeds just under the surface, putting ten or twelve seeds in a hill covering about an inch deep with fine soil firmly pressed down. When the plants begin to crowd and the striped beetles are pretty well gone, thin to four of the most vigorous plants in a hill. Give frequent but shallow cultivation until plants make runners too long for practical work. Rich earth is far preferable to manure, and if manure is used be sure it is well rotted and well mixed with the soil. Use NICO-DUST for melon aphis and for beetles, dust with finely sifted ashes or road dust.

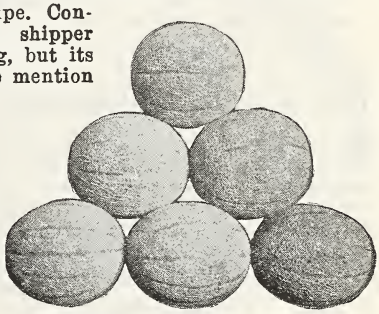
Our Cantaloupe and Watermelon Seed come direct to us from the World's Renowned Growers in the Rocky-ford district of Colorado. Only Select, First-Cut Seed Quoted.



Perfected "Perfecto"

Perfected "Perfecto" We offer the Improved Strain, of G. and W's. perfected "Perfecto." This melon runs large and very uniform in size. It very seldom shows a stripe and has a fairly coarse, heavy net. The flesh is a very dark salmon color. It could rightfully be classed as a Red Meat. The seed cavity averages smaller than in any other Rocky Ford variety. A quarter will cover the seed cavity in many, and it is seldom that a dollar will not cover the largest seed cavity. The flesh is fine grained, melting, and of excellent flavor. The keeping and shipping qualities are unsurpassed. This is a main crop cantaloupe and is worthy of your trial. Select, first-cut seed. **Pkt., 15c; oz., 30c; ¼lb., 90c; lb., $3.00.**

Hales Best or H. B. The new extra early cantaloupe. Considered the earliest good shipper grown. The melon runs irregularly in size and netting, but its earliness and quality overcome this only objection. We mention this irregularity so that you will not be disappointed when you harvest the melons, but we warn you that if you do not plant this melon you'll be sorry. The first on the market in the Imperial Valley is the reputation H. B. carries. The flesh is a rather dark salmon color, fine grained and of excellent flavor. A good shipper and an excellent keeper. **Pkt., 15c; oz., 30c; ¼ lb., 75c; lb., $2.00.**



Hales Best or H. B.

Hearts of Gold The best salmon-fleshed melon. Quality extremely fine. Fine grained, not stringy and of the sweetest flavor. Size and shape—just right, so it may be served cut in halves. Flesh is of deep orange color, extremely thick. An excellent shipper as melons are of uniform size, netting is ideal, heavy and close. One of the most prolific melons, producing well under favorable conditions and withstands blight better than most varieties. Undoubtedly there are more Hearts of Gold sold than any other single variety. One of the earliest. **Pkt., 15c; oz., 30c; ¼ lb., 75c; lb., $2.00.**

EXTRA EARLY HACKENSACK—A very popular sort producing large, handsome melons of the best quality. Fruit nearly round, deeply ribbed and coarsely netted; flesh green, of most delicious flavor. **Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., $1.50.**

ROCKYFORD—Everyone knows this melon. It's the old reliable. **Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. $1.25.**

Casabas

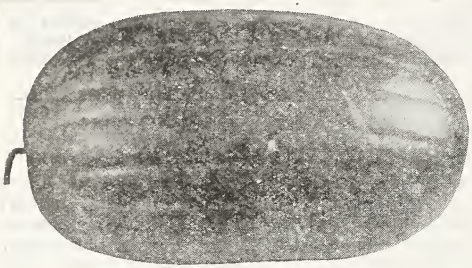
GOLDEN BEAUTY—Fruits are nearly globular of bright golden yellow color. Flesh is white, very thick and juicy. **Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. $1.75.**

WINTER PINEAPPLE—A casaba that ripens slowly and last practically through the winter. Stores like Hubbard squash. **Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. $1.75.**

HONEY DEW—The skin is smooth, with an occasional net. Color while growing is nearly white, and when ripe a creamy yellow. Very thick fleshed, light emerald green in color. Honey Dew lacks the bland or cucumber flavor sometimes found in casabas. **Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. $1.75.**

Watermelons

Our Watermelon and Cantaloupe Seed Come Direct to us From Growers in the Rockyford District of Colorado.



Monarch Brown Seeded Klondike

Monarch Brown Seeded Klondike

The genuine strain of seed is offered you by us. The meat is a rich, bright red and very appetizing. The rind is thick enough to protect the melon in shipping and yet it is not a thick, heavy rind like many varieties. Klondike is becoming the most popular melon grown in the Valley. They are early, the flesh is crisp and sweet and the color of the melon is dark green slightly ribbed. The first melons in the Medford market are Klondikes grown on the west side of the Valley. One grower is going to plant three acres of the Klondike variety this Spring, exclusive of all other varieties; sufficient recommendation of its worth, we believe. **Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. $2.50.**

KLECKLEY'S SWEET OR MONTE CRISTO—For the home or local market this melon has no superior, as it has nothing but good qualities. The most popular melon on the market. **Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. $1.25.**

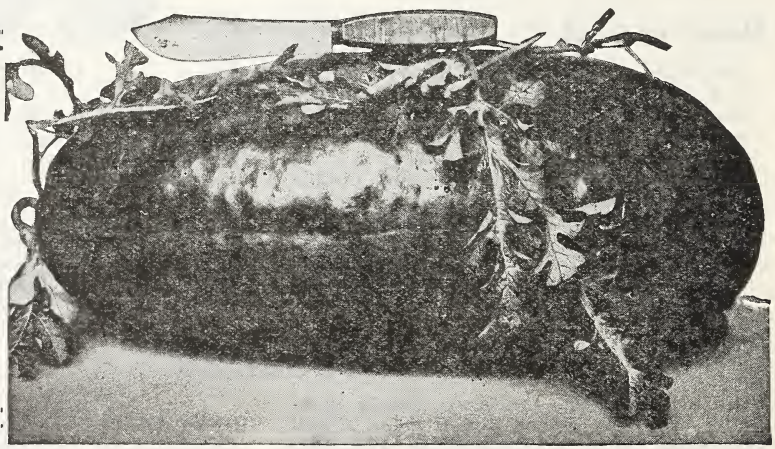
CHILIAN—Black seeded; earlier than the white seeded Chilian, also sweeter, but not so large nor attractive. We can recommend this to the grower as the best early melon. **Pkt. 10c; oz. 20c; ¼ lb. 40c; lb. $1.25.**

New Wonder Watermelon

Improved Kleckley Sweet. This is what the producer has to say about it. "While it is very much the same as the Kleckley Sweet, in our judgment, is a very much better melon. It averages larger, is of more uniform shape and, if possible, it is a sweeter, better flavored melon. Try it and be convinced." We watched these melons tried in the Rogue River Valley the past summer and we agree with the producer. It is superior to Kleckley Sweet. We urge you to try it. First cut, selected seed only. **Pkt. 15c; oz. 25c; ¼ lb. 75c; lb. $2.50.**

Napthalene

will keep Root Maggots out of your root crops. Protects Cabbage, Radishes, Turnips, onions, etc. For prices see Insecticides. page 36.



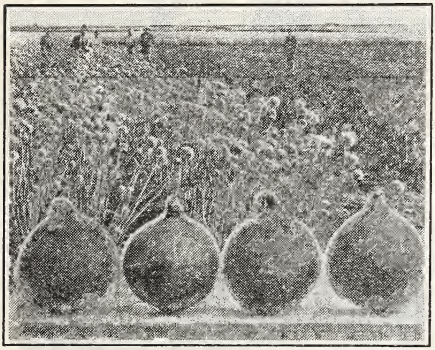
New Wonder Watermelon

Tune in on KMED

every Tuesday between the hours of 12;30 and 1:30 P. M. and hear our helpful talks on garden culture.

Onions

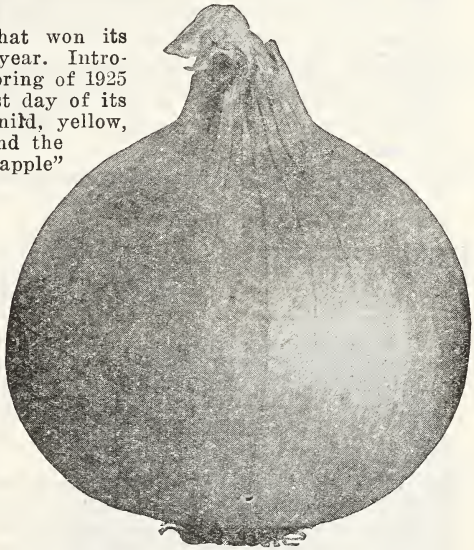
CULTURE—For the culture of onions the soil should be of loose, rich texture. Bottom land being preferred. Sow 2½ to 3 pounds per acre of seed. Onions can be planted early in the spring as soon as the ground can be worked. Thorough, clean cultivation and thinning during the growing season is necessary.



Mountain Danvers

Mountain Danvers The Earliest Yellow Globe Onion Grown. This is a new type of Globe Danvers. It is fully three weeks earlier than the Yellow Globe Danvers. On account of its extreme earliness it is a very desirable variety. A cross between the Yellow Globe Danvers and the Australian Brown. It combines the qualities of the Danvers with the keeping qualities of Australian Brown. This onion shipped from the heavier producing sections of the country top the market by 35c to 40c per hundred. See illustration on back cover **Pkt. 15c; oz. 40c; ¼ lb. $1.25; lb. $3.50.**

Early Sweet Spanish Here's an onion that won its popularity in one year. Introduced to Rogue River Valley growers in the spring of 1925 Sweet Spanish met with popular favor the first day of its appearance on the market. A very large, mild, yellow, globe shaped onion. Best for home garden and the earliest and best for market. "Sweet as an apple" is an expression invariably used in describing Sweet Spanish. **Pkt. 15c; oz. 60c; ¼ lb. $2.00; lb. $6.00.**



Early Sweet Spanish Onion

YELLOW GLOBE DANVERS—Our strain of Yellow Globe Danvers is especially selected by experienced growers to give an even ripening crop. The bulbs are all of fairly large size, small at the neck, perfectly and regularly formed. Globe Danvers is the most popular onion for the market and for shipping. One of the standard varieties on the Oregon and California markets. **Pkt. 10c; oz. 30c; ¼ lb. 75c; lb. $2.50.**

OREGON YELLOW GLOBE DANVERS—This fine onion produces the largest crops, ripens up hard and early and are good keepers. As a table or market onion it is claimed as superior to any other onion by many growers. Of half globe form with small neck and brownish-yellow tint, very firm and fine grained. Flesh is very white and mild. **Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. $2.50.**

Thirty rows of Early Sweet Spanish 155 feet long, spaced 2 feet apart yielded 123 sacks or approximately 12,300 pounds of dry onions for Lester Throckmorton, Route 3, Medford, Oregon. These figures do not include second-grade onions which were not offered for sale. Sweet Spanish Onions meet with ready sale on every market. You too, should try some.

SILVERSKIN or PORTUGAL, White — The best known and most largely used white onion. Flat on the bottom and thick toward the top; very hard and firm. An excellent keeper. Is largely used for white onion sets as well as for bulbs for the best market trade and for pickles. **Pkt. 10c; oz. 25c; ¼ lb. 85c; lb. $3.00.**

PRIZE TAKER—A remarkably large onion. Skin light yellow, flesh sweet and mild; globe shaped and very productive. Should be used early as it is not a good keeper. **Pkt. 10c; oz. 30c; ¼ lb. 75c; lb. $2.50.**

RED WETHERSFIELD—Everyone knows this variety. It is one of the oldest on the list and a favorite. In shape it is flattish, but thick, with very firm flesh; is hard and an excellent keeper, as well as a heavy cropper. Color is bright purplish red. **Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. $2.75.**

Onion Sets are miniature onion bulbs grown from seed and are so formed by sowing 50 to 75 pounds of seed per acre. Used principally for early green onions. Dry onions may be grown from sets, but this practice is more costly than raising from seed. **20c per qt., postpaid. Write for quantity prices.**

Peas

CULTURE—One pound will sow 100 feet. Light, moderately rich soil is best for this crop. Sowing of first early varieties should be made in October, and the other varieties in the early spring. Peas are sown in single or double rows from 2 to 6 feet apart, according to the variety or height to which they attain. Dwarf varieties are planted 2 feet apart, and those of medium sorts 3 feet to 4 feet apart. Tall varieties from 5 to 6 feet apart.

Early Varieties—Dwarf

Little Marvel An excellent dwarf sort for the market and home garden. The pods average longer than those of American Wonder or Gem, are more attractive in shape and color and the peas are of superior quality. The vines are sturdy, nearly eighteen inches high, heavily set with straight, deep green pods, square ended at the bottom and nearly four inches in length. Seed large, green and wrinkled. **Pkt. 10c; ½ lb. 25c; lb. 40c.**

ALASKA OR EARLIEST OF ALL—A smooth, blue pea of even, vigorous growth and extra early maturity. Vines 2 to 3 feet high, unbranched, bearing four to seven long pods, which are filled with medium sized bright green peas of excellent flavor. A favorite with market gardeners for fall and early spring planting. **Pkt. 10c; ½ lb. 15c; lb. 25c.**

LAXTON'S PROGRESS—The largest podded of any extra early dwarf variety. Pods pointed, dark green, well filled and very prolific. A new variety that is rapidly coming to the front for market and shipping. **Pkt. 15c; lb. 40c.**

LAXTONIAN—A new, early, dwarf, robust, large podded pea of excellent quality. In great demand, increasing yearly. **Pkt. 10c; ½ lb. 20c; lb. 30c.**

Little Marvel Peas

INOCULATE THIS SEED WITH STIMUGERM

Main and Late Crop Varieties

BLUE BANTAM—The most important dwarf early market variety. Vines 15 to 18 inches tall, bushy and very productive. Pods long, pointed and well filled. Quality excellent. Early and very productive. **Pkt. 10c; ½ lb. 20c; lb. 30c.**

GRADUS—This extra early wrinkled pea bears pods of large size and combines quality with earliness. Very hardy, can be planted as early as the smooth varieties; growth vigorous and healthy; vines 2¼ feet in height; very prolific. **Pkt. 10c; ½ lb. 20c; lb. 35c.**

STRATAGEM—An improved variety comprising all the good qualities of the later varieties. Is of the ever-bearing type, bearing pods of dark green color, full of large peas of sugary flavor. Two feet in height. **Pkt. 10c; ½ lb. 25c; lb. 40c.**

Hollow Crown Parsnips

TALL TELEPHONE—Our Southern Oregon climate is well suited to this tall-growing pea. It is the standard market variety, immensely productive, the extra large pods being filled with peas of the finest quality, the luscious sugary flavor not being excelled by any other variety. Of strong and rapid growth; attains a height of from 4 to 5 feet. **Pkt. 10c; ½ lb. 20c; lb. 35c.**

Okra

WHITE VELVET—Handsome and productive; long, smooth, white pods. **Pkt. 10c; oz. 20c.**

DWARF GREEN—Very early, with long green slender pods. **Pkt. 10c; oz. 20c.**

Parsnips

ONE OUNCE of seed will sow 200 feet of drill, 5 pounds will plant an acre. This crop requires a very rich soil. Sow in drills 18 inches apart and one-half inch deep and thin to 8 inches in the row.

LONG SMOOTH OR HOLLOW CROWN—A standard table sort; the best and most productive for field culture. **Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. $1.00.**

If you get any enjoyment out of our Radio Broadcasts we are glad of it. We want to please you.

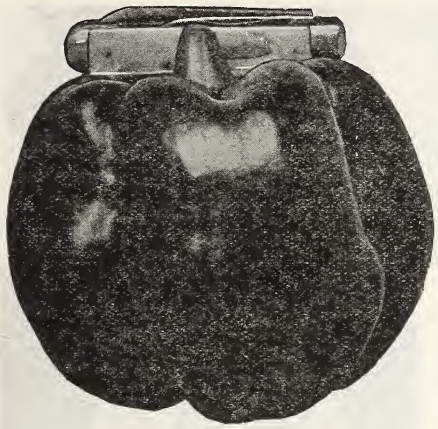
Parsley

ONE OUNCE of seed will sow 100 feet of drill. Sow thinly in drills 1 foot apart and thin out the plants to 3 or 4 inches. The seed germinates slowly, sometimes three or four weeks passing before the plants appear.

FINE DOUBLE CURLED—Fine dwarf; crimped leaves. **Pkt. 10c; oz. 15c; ¼ lb. 35c.**

Peppers

SOW the seeds early in hotbeds; or later, when the weather becomes warm, in open beds. Transplant when two or three inches high to a warm, mellow soil in rows 18 inches apart and a foot apart in rows. Sheep Guano and hen manure are excellent fertilizers and will greatly increase the yield.



Bull Nose Pepper

LARGE BELL OR BULL NOSE—Large, mild, thick fleshed. One of the best for stuffed pickles. **Pkt. 10c; oz. 70c.**

CHINESE GIANT—The largest of the sweet peppers. **Pkt. 10c; oz. 70c.**

CAYENNE—Pods long, bright red, very pungent and used with pickles when green. **Pkt. 10c; oz. 75c.**

RUBY KING—A popular variety of the Bell, or Bull Nose type. Fruit large, dark green while young, turning to bright glossy red when ripe, flavor mild and sweet. **Pkt. 10c; oz. 70c.**

Pumpkins

CULTURE—Enormous pumpkins may be grown on the fertile soils of Southern Oregon and Northern California. Plant the seed in the open ground when it is well warmed and after danger from frost is past. Plant in hills about 8 feet apart; 3 to 4 pounds of seed will plant an acre and 8 ounces will plant 100 hills. Do not plant near squashes, as they are likely to mix.

CONNECTICUT FIELD—A fine, large, orange-colored pumpkin used for field culture. The skin is smooth and ribbed and the flesh is brittle and sweet. **Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. $1.00.**

CYANOGAS spells sure-death to Squash Bugs (stink bugs). Applied in the early morning before the dew is off the vines or after irrigating, Cyanogas will kill Squash Bugs quickly and surely. See page 2 for prices and further description.

WINTER LUXURY—The best flavored pie pumpkin grown; enormously productive; excellent keeper; medium size, color golden russet, finely netted; flesh deep golden; sweet, tender and very thick. The best. **Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. $1.00.**

SWEET or SUGAR—A handsome and productive small pumpkin; skin orange; flesh deep yellow, fine grained, very sweet. This is the famous "New England Pie Pumpkin." **Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. $1.00.**

Connecticut Field Pumpkin

Write for prices on Rhubarb Plants —Ready in early Spring.

We welcome visits from our friends in Southern Oregon and Northern California. Drop in when in Medford—we'll be glad to show you our store.

Buy the Best Seed; It's the Cheapest in the Long Run.

Radishes

CULTURE—To secure radishes with crisp, tender flesh, grow them quickly in rich, loose soil, and gather them before reaching full size. Frequent plantings should be made for successive crops, so that a supply of fresh, tender radishes may be had at all times.

MONARCH SPARKLER—A most attractive and popular variety. It is globe-shaped, bright rose carmine with bottom and tip clear white. Very small foliage. Valuable for forcing. **Pkt. 15c; oz. 30c; ¼ lb. 80c; lb. $1.75.** See illustration on back cover.

CRIMSON GIANT—The roots are top-shaped, 1¾ inches in diameter, solid, crisp, tender flesh. Remains in edible condition for a long time. **Pkt. 10c; oz. 20c; ¼ lb. 35c; lb. $1.00.**

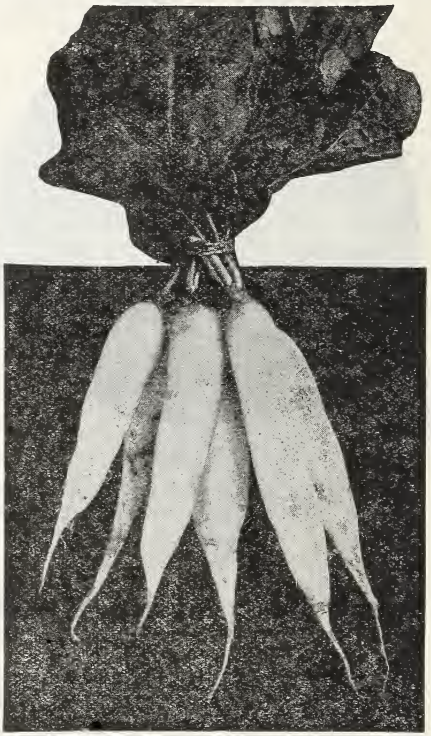
EARLY SCARLET TURNIP—Excellent either for forcing or outdoor culture. Small turnip roots of a solid crimson color with white flesh of fine quality. **Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. $1.25.**

FRENCH BREAKFAST—Oval or oblong in shape. Roots 2 inches long of a bright rose color with bottom of roots and tail pure white. Very attractive. **Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. $1.00.**

LONG WHITE ICICLE—The almost crystal-line white roots are 5 inches long and most brittle and crisp. It matures quickly and its fine qualities make it very desirable for successive plantings. **Pkt. 10c; oz. 20c; ¼ lb. 35c; lb. $1.00.**

LONG SCARLET—The best known and most popular long variety. Color bright carmine. Flesh brittle and firm. Root 6 inches long, the top part growing out of the ground about 1 inch. **Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. $1.00.**

NAPTHALENE WILL KEEP THE ROOT MAGGOTS OUT OF RADISHES AND TURNIPS.
See Page 35.



Icicle Radishes

Spinach

CULTURE—Of easy culture and very profitable. Spinach may be planted in the fall or early spring. In our mild climate winter sowing is practical with good results. Sow 8 pounds per acre as a field crop or 1-ounce to 100 feet in the home garden. The richer the soil the larger and better the leaves. Use a top dressing of Sulphate of Ammonia after plants have started to grow.

BLOOMSDALE SAVOY—The variety most generally grown. Leaves large, round and thick, very much savoyed and rich, deep green. One of the earliest kinds. **Oz. 10c; ¼ lb. 20c; lb. 50c.**

PRICKLY—The variety commonly used for market in California. Is very hardy and easily grown; bears large, smooth leaves which are shaped like an arrow point. A fine winter and spring variety. **Oz. 10c; ¼ lb. 20c; lb. 50c.**

ROUND, THICK LEAVED—A large leaved, bright green variety. Leaves rather smooth and rounded at the top. A good variety for late spring and summer. **Oz. 10c; ¼ lb. 20c; lb. 50c.**

A top dressing of Sulphate of Ammonia when Spinach is about half grown will double your yield. There is no other plant food that will promote leaf growth in Lettuce, Spinach, Kale and Cabbage like Sulphate of Ammonia.

Salsify

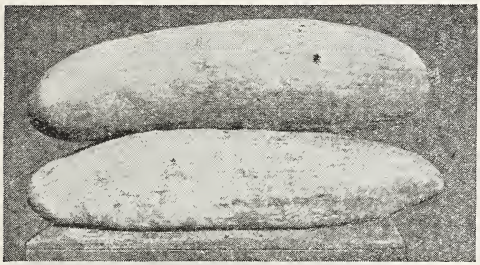
MAMMOTH SANDWICH ISLAND—The improved large rooted variety, growing about 12 inches long and being from 1 to 2 inches thick. **Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. $1.75.**

SEMESAN prevents dampening-off in hot-beds and cold-frames. See page 36.

Use Groz-It Brand Pulverized Sheep Manure. See page 25.

Squash

CULTURE—Do not sow squash seed until all danger of frost is past. Put a spadeful of well rotted manure in each hill and dig it in well. Sow 8 to 10 seeds in a space one foot in diameter and later thin to the strongest three plants. Eight ounces of seed will plant 100 hills; 2 to 3 pounds per acre. In gathering winter squash it is important to keep the stems from being broken off.



Banana Squash

Banana Squash Called Sweet Potato Squash by Southern Oregon gardeners. Seldom does a variety gain in popularity each passing year as does this squash. It is a heavy yielder and the best all-purpose variety grown. Can be used when quite young and will keep splendidly for a winter squash. The color is grayish green, shell soft, so that it can be cut with a knife. It grows from eighteen to thirty inches long and six to nine inches in diameter. It is very prolific but a shy seeder. Flesh is of high color; entirely free from fibre or stringiness. Cooks up perfectly smooth and is of most delicious flavor. Yields well and is of such superb table quality that many growers will have no other for their own use. See illustration. **Pkg. 10c; oz. 25c; ¼ lb. 75c; lb. $2.00.**

ZUCCHINI or ITALIAN—A delicious summer variety, should be eaten when quite young. Very prolific, squashes measure four to six inches. When stewed it has a rich, creamy flavor not equalled in any other squash. Excellent for the family garden. **Pkt. 10c; oz. 25c; ¼ lb. 85c; lb. $2.50.**

BOSTON MARROW — A popular variety, with large oval fruit. Skin bright reddish orange with light cream netting. Flesh orange. Fine grained and of excellent quality. Used by canners. **Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. $1.00.**

MAMMOTH CHILI—The largest squash. Used for stock feeding, as its size returns heavy yields per acre. **Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. $1.50.**

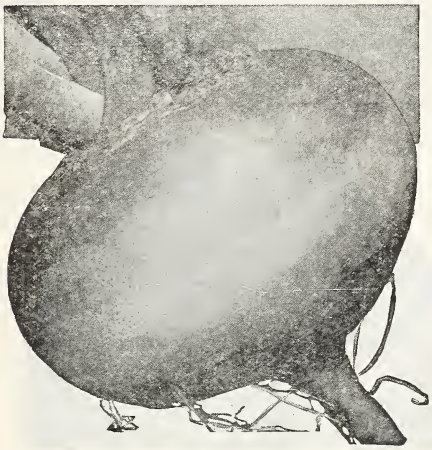
IMPROVED WARTED HUBBARD—The best seller and best known. Rind dark green, warty and very hard. Flesh light orange, very dry, sweet and rich flavored. Has no superior. Long keeper. **Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. $1.25.**

KILL THE SQUASH BUGS
CYANOGAS is the easiest and surest means of ridding your squash patch of Stink Bugs. CYANOGAS is a powder (Crude Cyanide) which when contacted with the moisture of the earth releases a deadly poison gas that kills Squash Bugs instantly. See Page 2 for full particulars.

SUMMER VARIETIES

WHITE BUSH SCALLOP—A very early variety with flat, white scalloped squashes 4 to 6 inches in diameter. Vine bushy in habit and dwarf. **Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. $1.25.**

YELLOW SUMMER CROOKNECK — Well known. Fruit long, skin very much warted; bright golden yellow. **Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. $1.35.**



Purple Top Strap Leaf Turnip

Turnips

ONE OUNCE will seed 100 feet; 2 pounds will sow an acre. Turnips do best in highly enriched soil of light, sandy texture. Sow in drills from 12 to 15 inches and thin early to 8 or 9 inches apart.

EARLY WHITE FLAT DUTCH — Very early, pure white and fine quality. **Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. $1.00.**

PURPLE TOP STRAP LEAF—Rapid grower, flat, with solid flesh of mild flavor; the most popular variety for early use. **Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. 90c.**

WHITE EGG—Is nearly oval or egg-shape, as its name implies; flesh very firm and fine grained. Snowy white skin and flesh. **Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. $1.00.**

PURPLE TOP WHITE GLOBE—Globe-shaped with purple top. **Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. $1.00.**

YELLOW GLOBE—Amber color, of globe shape. **Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. $1.00.**

Tomatoes

CULTURE—Sow the seed in hotbeds in early March, moving plants to cold frame when of suitable size. Harden off in cold frame until conditions are right in the field for their transplanting. Too frequent watering is harmful, especially spraying the plants. Just a moderate amount of water should be applied at the roots at regular intervals.

Avon Early A very early scarlet-fruited variety of the Earliana type. Fruit of bright scarlet, of medium size, very solid, globular in shape and very prolific. **Pkt. 10c; oz. 50c; ¼ lb. $2.00; lb. $6.00.**

BONNY BEST—Early, scarlet-fruited, very even in size, smooth, solid and prolific. **Pkt. 10c; oz. 40c; ¼ lb. $1.25.**

CHALK'S EARLY JEWEL—Most everyone is acquainted with this variety. It has many friends and well it deserves them. Fruit is large, smooth, uniform; bears continuously throughout growing season; fruit ripens clear to the stem and the flavor and quality are especially fine. **Pkt. 10c; oz. 40c; ¼ lb. $1.25.**

Chalk's Early Jewel

Avon Early Tomato

BOLGIANO'S GLORY TOMATO—This is the tomato that the canneries have recommended as being the most productive, and which they describe as follows: "Produces at every joint large clusters of good size, smooth, firm, beautifully shaped fruits, uniform in shape, color and size. Ripen evenly and color up well." Our seed comes direct to us from the originators of this variety. **Pkt. 20c; oz. 70c; ¼ lb. $2.00; lb. $7.00.**

SMALL FRUITED VARIETIES

YELLOW PEAR—**Pkt. 10c; oz. 65c; ¼ lb. $2.**

YELLOW PLUM—**Pkt. 10c; oz. 65c; ¼ lb. $2.**

HUSK TOMATO OR GROUND CHERRY—Small, round, yellow fruits about half an inch in diameter, enclosed in a thin husk. Very deliciously sweet. Excellent for preserves. **Pkt. 10c; oz. 65c.**

Dust with Sulfo-Lead Dust to repel Tomato Flea Beetle.

EARLIANA—A large, smooth, bright scarlet tomato. Very valuable for early market use. **Pkt. 10c; oz. 45c; ¼ lb. $1.25.**

MATCHLESS—One of the best scarlet-fruited main crop varieties. The large fruits are solid, ripen well and are of finest flavor. **Pkt. 10c; oz. 40c; ¼ lb. $1.35.**

GOLDEN QUEEN—Smooth, large, bright yellow fruit of fine quality. **Pkt. 10c; oz. 50c; ¼ lb. $1.65.**

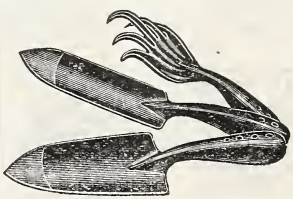
BURBANK, NEW—Claimed to be the earliest, smoothest, solidest and most productive bright scarlet tomato, with a skin that will "peel" easily. Highly praised by those who have tried it. **Pkt. 10c; oz. 50c; ¼ lb. $1.75.**

RED HEAD—Early, maturing in about 120 days, reaches a good size, is extremely productive and bears continuously. Fruits bright red, globe shape, very meaty, small seed cavity. An excellent canning variety. **Pkt. 15c; oz. 60c; ¼ lb. $1.75.**

Rutabagas

AMERICAN PURPLE TOP—One of the best and most popular varieties, with yellow flesh. Good for stock feeding. **Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. $1.00.**

LARGE WHITE OR SWEET RUSSIAN—A very large variety, with white skin and flesh which is tender and sweet. **Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. $1.25.**



3-PIECE GARDEN SET

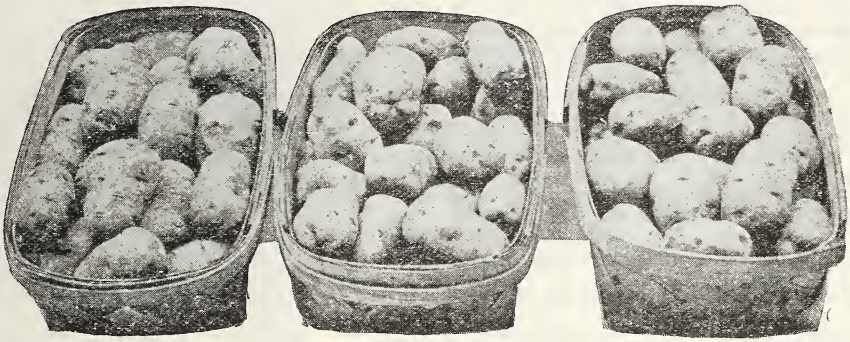
All made of heavy pressed steel, handsomely finished. Shipping weight 2 lbs.

Each 25c.

75c Set of Three.

BUY THE BEST — WE DO.

Seed Potatoes



WE OFFER CERTIFIED SEED POTATOES IN ALMOST ALL VARIETIES

THE VARIETIES listed below are offered you in the belief that they are the best adapted to our climate and soil. There are many varieties of potatoes being offered today that do not fulfill expectations at harvest time. We know you will find any of the varieties listed below satisfactory in yield, quality and saleable value.

POTATO prices fluctuate to such an extent that we doubt the advisability of quoting prices this early in the season. Prices at all times are quoted subject to market changes. When in the market we ask you to drop us a line stating the variety and quantity you desire and we will gladly and promptly quote prices.

EARLY SUNRISE—For years Early Sunrise has been in greater demand in our Southern Oregon market than any other variety. However, since the advent of Quick Lunch it has fallen into second position. It is a potato of great value as an early cropper and preferred by many to any other type. Of flattened round shape, it is of excellent quality for early crop. It will mature in 8 weeks from time of planting. **Write us for Prices.**

QUICK LUNCH—Resembling somewhat the Early Sunrise, but of a lighter color. Quick Lunch is the earliest potato on this market. It is of better keeping qualities than the average of extra early tubers, and of excellent cooking habit. Very prolific and coming into the market at a time when potatoes are selling at premium prices. **Write for Prices.**

EARLIEST OF ALL—Its quick growth and early maturity combined with its excellent cooking qualities, makes it very valuable. Summer drought does not effect it for its growth is complete before it can be injured. Plant early to obtain large size. Ready for the table nine weeks from planting. **Write for prices.**

NETTED GEM OR YAKIMA GEM—A splendid main crop late variety that does splendidly under irrigation in dry sections. Tubers are elongated, with netted skin; flesh white, eyes are flush with surface. As a keeper none excels it. **Write for Prices.**

SEMESAN BEL

And Why You Should Use It to Treat Seed Potatoes.

1. **Simplicity of application.**
2. **Effective control of Scab and Rhizoctonia.**
3. **It does not lose strength and is good to the last drop.**
4. **Non-injurious to whole or cut pieces.**
5. **It stimulates the rapidity of sprouting and promotes a sturdier, healthier stand.**
6. **It produces disease-free potatoes.**

See page 37.

SWEET POTATO PLANTS FROM APRIL 15th TO MAY 30TH

BUY THE BEST — WE DO.

If you enjoy our catalog, please tell your friends. A card will bring it to them free of charge.

Grass Seeds

ORCHARD GRASS—One of the most valuable of all pasture grasses, produces an immense quantity of forage and hay of best quality. After being mown, comes up quickly and yields very heavily. Suitable for pasture under trees. Sown in the ashes on cleared land. Not suitable for lawns, as it grows in tussocks. Sow 35 pounds per acre. **Lb. 35c; 10 lbs. $3.00. Write for Prices on Quantities.**

PERENNIAL RYE GRASS—Specially selected and re-cleaned. It is a quick growing grass and does well on sandy soils. **Lb. 25c; 10 lbs. $2.00. Prices on larger quantities on application.**

Prices are subject to market changes.

Orchard Grass

AWNLESS BROME GRASS—Will stand droughts and produce heavy crops in dry sections and on poor soils where other grasses perish. It is one of the hardiest growers and succeeds on our dry hillsides. Sow 35 pounds per acre. **Lb. 30c; 10 lbs. $2.50. Prices on larger lots upon application.**

RED TOP—A good perennial grass. Generally sown for permanent pastures. Does best on moist or even marshy land. If not overflow land it is advisable to mix with Meadow Fescue, Orchard Grass or Alsike Clover. Sow 14 lbs. of hulled seed per acre. **Lb. 50c; 10 lbs. $4.50. Prices on larger lots upon application.**

KENTUCKY BLUE GRASS—One of the best grasses for permanent pasture, furnishing a constant supply of the most nutritious feed during the greater part of the year. The leading grass for lawns. See page 26.

TIMOTHY—This is the most valuable of all grasses for hay. Thrives best on moist, loamy soil. Sow early in the spring or fall., 15 to 20 pounds per acre. **Fancy seed, per lb. 25c; 10 lbs. $2.00. Quantity prices upon application.**

SUDAN GRASS—**It yields from 2 to 8 tons of hay per acre, depending upon soil conditions. Hay is relished by cattle. Plant late in spring after frost danger is over. 15 lbs. of seed per acre where broadcasted. Lb. 20c; 10 lbs. $1.50. Write for prices on larger quantities.**

WINTER BLUE GRASS

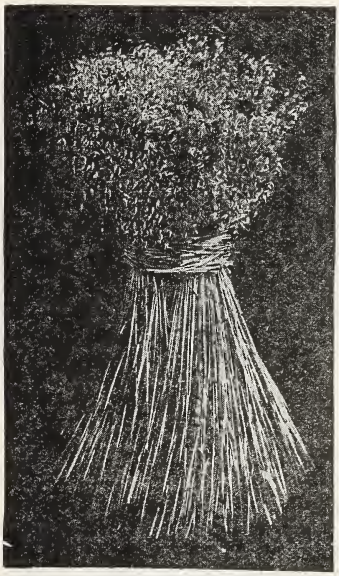
The Grass the Whole Country is Talking About

POA BULBOSA

Space will not permit a lengthy story on this wonder grass. We have prepared a bulletin and will cheerfully mail it to you upon request. Send for it and let these few words simply introduce to you this Winter Pasture Grass.

WINTER BLUE GRASS grows only in the winter time. It starts into growth with the first fall rains and produces pasture throughout the winter. In early spring it will produce a good hay crop from which the seed is threshed, leaving the straw for feeding. Its growth is similar to the better known Kentucky Blue Grass. The seed is bulbous in nature and can be sown among weeds and wild grass without any soil preparation. It drives out Broncho grass, Foxtail and Squirrel grass in a very short time. Southern California is planting hundreds of acres of Poa bulbosa. Think what it means to have pasture during the winter on otherwise worthless land. Try a few acres or even a small plot if you are skeptical of its worth. A trial will convince you that Poa bulbosa is truly a wonder grass. There is money in raising this crop for seed. Write for prices.

Write to your Agricultural College for Bulletin No. 1254—"Important Cultivated Grasses."



Kanota Red Oats

Field Seeds

IMPORTANT—Please Read. Clover, grass and field seeds are subject to market changes, therefore we cannot print prices good for any length of time. When you are ready to buy, drop us a line stating what you are interested in and how much you will want, and we will quote, submitting samples at the same time. We quote only on fancy stock seed. Our prices will be right.

Oats

WHITE SEED OATS—Our stock are all double re-cleaned Light oats and chaff completely taken out. We can supply you with: SHADELAND, Eclipse; SHADELAND, Climax; COMMON WHITE. Write for prices.

OREGON RED OATS—A comparatively new oat of unusual merit as a grain for hay. Sown in thin alfalfa it will boost the hay yield and produce a better hay combination. Write for prices.

KANOTA RED OATS—Asked why he thought Kanota oats were better, one of our California customers answered. "They mature 10 to 14 days earlier than other Red Oats planted under similar conditions, produce taller, finer straw, finer leaves and heavier heads, shows a higher test weight per bushel. The kernel is heavier in proportion to the size of the grain than other oats and Kanotas resist lodging to a remarkable degree." A recent test at Davis, California on the University Farms Kanota Oats yielded 85.2 bushels per acre against 52.6 for California Red Oats. Write for prices.

Barley

SUCCESS BEARDLESS BARLEY—This variety brought out and successfully featured by Washington State College, has proved more than was anticipated in the Rogue River Valley. A heavy yielder that will not lodge and almost devoid of beards. Write for prices.

COMMON BEARDLESS BARLEY—While a small percentage of beards will be found in this sort, we believe our stock is as free of beards as is possible to secure. Write for prices.

BEARDED BARLEY—Grown usually for the the grain. Hardy and a heavy yielder. Our stock of this type is always of highest grade. Write for prices.

HULLESS OR BALD BARLEY—An early spring variety, beardless, of high feeding value. It can be fed to all livestock and is especially valuable when used in a mixed ration. Hulless Barley is a heavy cropper and makes an excellent hay, being free of beards. Threshes out clean like wheat. Prices upon application.

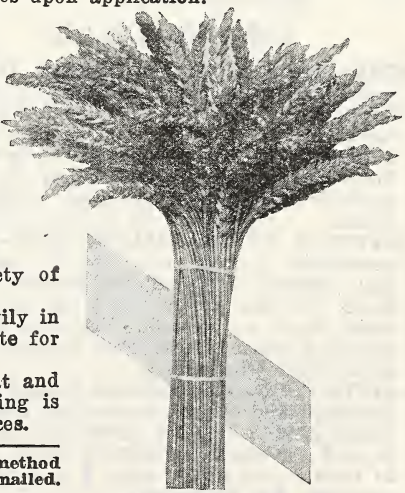
Wheat

FEDERATION—A variety of beardless wheat that is gradually taking the place of Club and Bluestem. Especially recommended for rich ground as it does not lodge badly. Can be sown in Fall or Spring, excellent for hay. Write for prices.

EARLY BAART, Bearded Spring—The best known and one of the most profitable spring varieties. It yields well in Southern Oregon and is in demand for milling purposes at higher prices than any other variety of wheat. Write for prices.

LITTLE CLUB—A well known variety that yields heavily in threshed grain and produces a heavy hay crop. Write for prices.

BLUE STEM—This is probably the best known wheat and most profitable as a spring sown crop. Fall planting is not recommended as it lodges badly. Write for prices.



Federation Wheat

Treat your wheat with Copper Carbonate—the modern method of preventing smut. See page 34. Poison and cannot be mailed.

BUY THE BEST — WE DO.

(See Page 26 for LAWN GRASS)

Millets

Prices: 10 lbs. $1.50, postpaid. Write for quantity prices.

GERMAN OR GOLDEN—An improved variety, yielding a larger crop of seed than the common millet. Also yields a heavier crop of hay. Write for prices.

HUNGARIAN MILLET—Preferred by some to Golden Millet, as it is about a week earlier. Does not grow as large, but makes finer hay.

COMMON MILLET—Earlier than Golden and of dwarfish growth. Some like it best, but it is not equal to German or Golden for quantity and quality of hay.

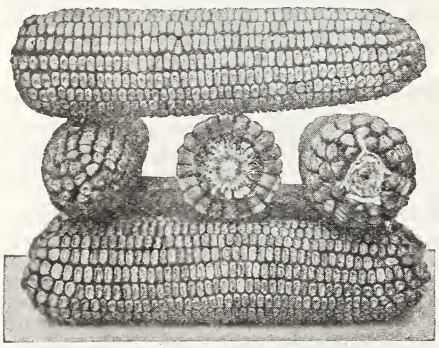
SIBERIAN MILLET—It is extremely hardy, withstands drought wonderfully and is about two weeks earlier than Golden Millet, growing 2½ to 3 feet in height.

Golden Millet

Field Corn

Prices, Postpaid: Pkt. 10c; 1 lb. 20c; 10 lbs. $1.25; 100 lbs. Price on Request.

MINNESOTA NO. 13—The earliest of the early Yellow Dent corns and said to be the heaviest producer, yielding splendid large ears, closely filled from end to end with bright yellow kernels. This variety will average 7 ft. in height, making it an excellent fodder corn. Matures in 90 days from planting under favorable conditions.



Rogue Valley Dent

LEAMING YELLOW DENT—A very popular variety of tall growing habit. Stalks are leafy, making excellent fodder. Kernels are long and deep golden yellow. Ears are large and produced in abundance.

ROGUE VALLEY YELLOW DENT—An acclimated corn of excellent habits. Produces heavily of large golden yellow ears. Selected for us by our best corn growers. This variety is sure to produce results that will be satisfactory when husking time comes around.

WISCONSIN WHITE DENT—A tall growing variety; larger eared; 16 to 18 rowed; grains large and white.

Other Field Seeds

SUGAR CANE SORGHUM, EARLY AMBER—A good fodder if cut when the heads form, or good silage if cut when full grown. Early Amber is quick maturing and therefore best for late sowing. Syrup is made from this variety. Sow 5 pounds per acre in drills or 25 pounds broadcast. Write for prices.

EGYPTIAN OR JERUSALEM CORN—It is considered a good grain for dry sections and seasons. It produces several small heads on side shoots, often as many as eight heads on a stalk. The seed makes excellent chicken feed. Sow 8 pounds per acre. Write for prices.

KAFFIR CORN, White—Grows from 6 to 10 feet high and thrives in hot, dry climates. Makes good fodder for cattle and the seed is used for stock and poultry feed. Sown in rows 3 feet apart, using 3 to 5 pounds per acre. Ask for prices.

Vetches

USED more extensively as cover crops in this section. Valuable also as hay. If you are bothered with aphis it is our recommendation that you plant Hungarian as it is aphis-resistant.

HUNGARIAN—A heavier yielder and better able to stand winter freezes than the Common variety. Write for prices.

COMMON—Better known to all. Write for prices.

HAIRY VETCH—A good producer. Write for prices.

Seed Rye

COMMON RYE—Fancy re-cleaned seed. Used for an early pasture crop, or for turning under in early spring. Write for prices.

BEARDLESS SPRING RYE—A splendid sort, very hardy, yielding a heavy crop and much relished by stock. Beards drop off when handled. Write for prices.

"HUMOGERM" will assure a sturdy alfalfa stand. Inoculate the seed this year. See page 23.

SEED INOCULATION

STIMUGERM

LEGUME INOCULATION

The Best Inoculation for All Legume Seeds Means Better Crops, Better Soils, Less Fertilizer Expense.

Seeds of all legumes—Clovers, Alfalfa, Beans, Peas, Vetches, etc., will yield far better results if inoculated with STIMUGERM, and in addition leave in the soil a heavy deposit of nitrogen which benefits all succeeding crops. No other inoculator will produce the wealth of nodules obtained by using STIMUGERM.

Nodules with Nitrogen worth their weight in gold

STIMUGERM is a culture of bacteria especially selected and bred for maximum vitality and ability to form nodules and take nitrogen from the air. It is put up on a pure, sterilized jelly medium, in bottles, containing many millions of active, hardy legume bacteria, guaranteed to produce results.

STIMUGERM is economical and easy to use. Full directions for use accompany each package. STIMUGERM is dated and guaranteed for a full year. When ordering be sure to specify crop and amount of seed you wish to inoculate.

Prices are Low. For small seeds—Clovers, Sweet Clovers, Alfalfa, etc.

¼ bushel size	$0.35	1 bushel size	$1.00
½ bushel size	.60	2½ bushel size	2.25

New Reduced Prices on Cultures for Large-Size Seeds—Soy Beans, Cowpeas, Peas, Beans, Vetches, etc.

½ bushel size....$0.35 1 bushel size....$0.60 5 bushel size....$2.25

—Prices Postpaid—

A special Garden Size for peas, beans, and sweet peas makes bigger vines, large luscious peas and beans for longer period, and abundant sweet pea blossoms of gorgeous color on long sturdy stems, **25 cents.**

Figaro Smoke Salt

Sugar Cures and Smoke-Flavors Meat in one Operation

DO AWAY WITH THE SMOKE HOUSE—USE FIGARO

Use Figaro Salt as you would use ordinary meat salt. It can be used for either a "dry salt cure," a "liquid pickle cure" or the more popular "dry sugar cure." Because of its superiority, the "dry sugar cure" is highly recommended. A ten-pound can of SMOKE SALT will cure 100 lbs. of meat. **Per can at our store, $1.25; Postpaid $1.50.**

We Take Our Field Seeds to a Real Cleaning.

Clover and Alfalfa

WRITE FOR PRICES. It is impossible for us to quote an established price at time of going to press. Markets are continuously changing. Better Clover or Alfalfa seed cannot be found anywhere than the stocks we are able to supply. WE BUY THE BEST FOR YOU.

Mountain Grown Common Alfalfa

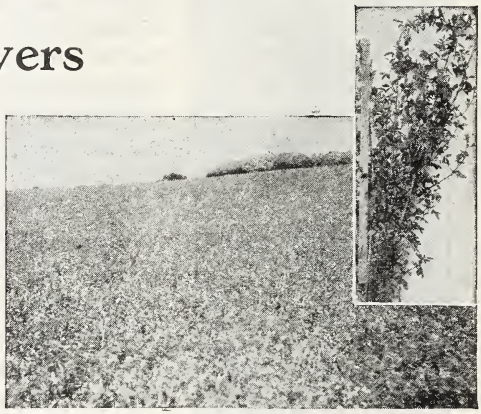
This is the long-rooted Chilean Alfalfa that comes to us from Surprise Valley in Northeastern California where the seed is grown at a high altitude and where old stands that have withstood the severest kind of weather produce the best seed obtainable today. This seed comes from Pioneer stands that have been producing seed for years. It is the long-lived Common Alfalfa that will produce for you for years after hot-climate seed has been plowed up. Write for prices.

GRIMM ALFALFA—This is the hardiest alfalfa grown. It survives killing winter freezes, where the Common and other types perish. However, it has been found that in a mild climate it has no advantage over Common, except in shallow soils. It will outyield many varieties in shallow soils that are somewhat dry. The price is high, but due to the fact that Grimm is sown only 8 or 10 pounds per acre, it figures practically on a level with lower priced varieties. Write for prices.

Clovers

RED CLOVER—The standard clover for all purposes. Makes an excellent hay when mixed with timothy. Succeeds well on most any soil. Inoculate seed before planting and you'll be sure to get a stand. Write for prices.

ALSIKE CLOVER—This is a perennial adapted for hay or pasture. A valuable crop for bee pasture. Does well either on poor dry soils or in wet rich soil. Being finer, brighter and not so dusty. Alsike hay is preferred to Red Clover. Write for prices. Inoculate all clovers and be sure of getting a stand



Alfalfa

WHITE BLOSSOM SWEET CLOVER—Grows 3 to 5 ft. high, covered with small white flowers of great fragrance. A great bee plant and an excellent clover for pasture. Used quite extensively for orchard plantings for the humus and nitrogen it stores in the soils. We offer scarified seed. Scarified seed germinates more readily and inasmuch as sweet clover has a very hard seed coat it is advisable to plant scarified seed to insure a good stand. Write for prices.

Fertilizers for Legumes

EMPIRE GYPSUM—Often called Land Plaster is a valuable fertilizer for alfalfa and is particularly recommended for stands grown on lighter soils. Use Empire Gypsum at the rate of 200 pounds per acre and double your alfalfa yield. Gypsum is also a valuable agent in freeing heavy soils. Use it in your garden and on your lawn to correct a possible acid condition. Ask for prices.

PEARL BRAND SULPHUR—This excellent soil sulphur has found a welcome among Southern Oregon farmers. Being free flowing, non-clogging and a 99 per cent pure product Pearl Brand stands head and shoulders above other brands. Use sulphur on clovers and alfalfa grown on heavier types of soil. The application of 100 pounds per acre will show a big increase in yield. Write for prices.

"No luck with Alfalfa? Inoculate your seed with HUMOGERM and get a fine sturdy stand."

Ladino Clover

THE GREATEST PASTURE CLOVER GROWN

LADINO CLOVER WILL PASTURE MORE CATTLE THAN ANY OTHER VARIETY OF CLOVER WE KNOW OF. LADINO IS A PERENNIAL WHITE CLOVER THAT GROWS FROM 12 to 18 INCHES TALL PRODUCING A MOST PALATABLE FORAGE FOR CATTLE, SHEEP AND HOGS. LADINO INCREASES MILK FLOW, IMPROVES THE SOIL, WILL THRIVE ON SHALLOW MOIST SOILS AND IS THE FIRST CLOVER TO AWAKEN IN THE SPRING AND THE LAST PLANT TO QUIT IN THE FALL. Ladino should be sown in the spring for best results. Prepare the soil early and have it in readiness for sowing. The application of sulphur or gypsum to the soil will quicken the young growth and promote a heavier and sturdier stand. Sow 6 pounds of seed per acre, harrowing in lightly. It is not necessary to grow a nurse crop with Ladino, although many growers plant Rye Grass, Orchard Grass or Fescue with the Ladino claiming that it will prevent bloating. We believe this a good practice. If these grasses are sown with the clover it will not prevent threshing the crop for seed as the grasses named above can be easily cleaned out of the Ladino.

Picture taken in a field of Ladino grown on the mountain ranch of Mr. C. W. Woods at Prospect, Oregon. Mr. Woods and County Agent R. G. Fowler inspecting the stand. The picture shows only a portion of Mr. Woods' 40 acres of Ladino.

WHAT MR. C. W. WOODS HAS TO SAY ABOUT LADINO.

"I planted 6½ acres the last week in June. The first cutting was made about August 10th to keep weeds down. September first the stand was so thick I could not place my hand on a bare spot of ground and the clover stood a foot high. My cattle will leave other grasses and clovers for Ladino and will crop it right to the ground. I find Ladino Clover the finest forage plant I have ever grown." Mr. Woods says he is not afraid to plant Ladino during any season of the year except in very cold, freezing winter weather.

MR. C. J. HUNTER LIVING NEAR MEDFORD, OREGON, Says:

"I planted my field on the 25th of March last spring on ground that had been cleared during the winter, using 6 pounds of seed per acre. The seed was inoculated before planting and sowed with a broadcast seeder. I have 6 acres in the field supporting 21 head of dairy cows. Started pasturing the first of August."

We have two grades of seed to offer. Strictly Fancy Certified seed at $1.25 per pound, and a pasture grade containing about 10% Alsike Clover at **$1.00 per pound. Plant Ladino and your pasture worries are over.**

"FULL VALUE" Fertilizers "PRICED RIGHT"

GROZ-IT---Sheep Manure

If you have a farm, a garden, a lawn, a vegetable patch, or if you are a market gardener you will be deeply interested in GROZ-IT SHEEP MANURE.

The ordinary manure, which is so necessary to plant life, has many objectionable features, when used close to the dwelling. It is unsightly, has a disagreeable odor, draws flies and insects, etc., likewise it is too bulky to be used to best advantage.

In its place we offer you a highly concentrated, pulverized natural sheep manure, packed in sacks, light, dry, odorless, FREE FROM WEED SEEDS and all foreign matter, with a plant food value many times that of ordinary manure.

Realizing the demand for such a fertilizer and wanting only the best manure obtainable we have selected GROZ-IT as the best. GROZ-IT comes from animals fed on cottonseed meal and cake and alfalfa hay (highly nitrogenous foods), is stored and aged for a long period under climatic conditions that remove the moisture and prevent leaching and fermentation. Handled in this manner GROZ-IT contains the necessary plant-food elements, which are lost in manures that are left out in the weather to leach out and ferment.

Use GROZ-IT for lawns, Golf Greens, Flower Beds, for Seed Beds in Nurseries, for Window Boxes and House Plants for the Garden and Trees.

Price: 10 lbs. 50c; 25 lbs. $1.00; 50 lbs. $1.25; 100 lbs. $1.75, packed for mail or freight shipment.

MADRONA GENERAL FERTILIZER. A general all around fertilizer for garden, flowers, fruit and lawn. A concentrated organic plant food of high value. Our General Fertilizer will invigorate and sustain the plant, exerting a continuity of fertilizer effort. Use it liberally on all of your plantings. Our customers come back year after year for this excellent plant food. **50 lb. bags, $2.00; 100 lb. bags, $3.50, F. O. B. Medford.**

SULPHATE OF AMMONIA. This is one of the best plant foods for forcing leaf growth. For cabbage, lettuce, spinach, etc., it has no equal. Many people labor under the impression that Sulphate of Ammonia is a complete plant food. Such is not the case. If you want to give your plants a "square meal" use our General Fertilizer listed above. **Price: 10 lbs. 65c; 100 lbs. $5.00 F. O. B Medford. Quantity price upon application.**

SUPERPHOSPHATE. This is a concentrated chemical fertilizer, phosphoric acid, and is the cheapest form in which to secure phosphoric acid. Used for alfalfa, in gardens and on flowers. **Price: 10 lbs. 50c; 100 lbs. $2.00, F. O. B. Medford.**

STIMUPLANT. A fertilizer for house plants in tablet form. A very powerful plant food. Dissolve one tablet in a quart of water and use this solution on your house plants and ferns once each ten days. **Pkg. 30 tablets, 30c postpaid.**

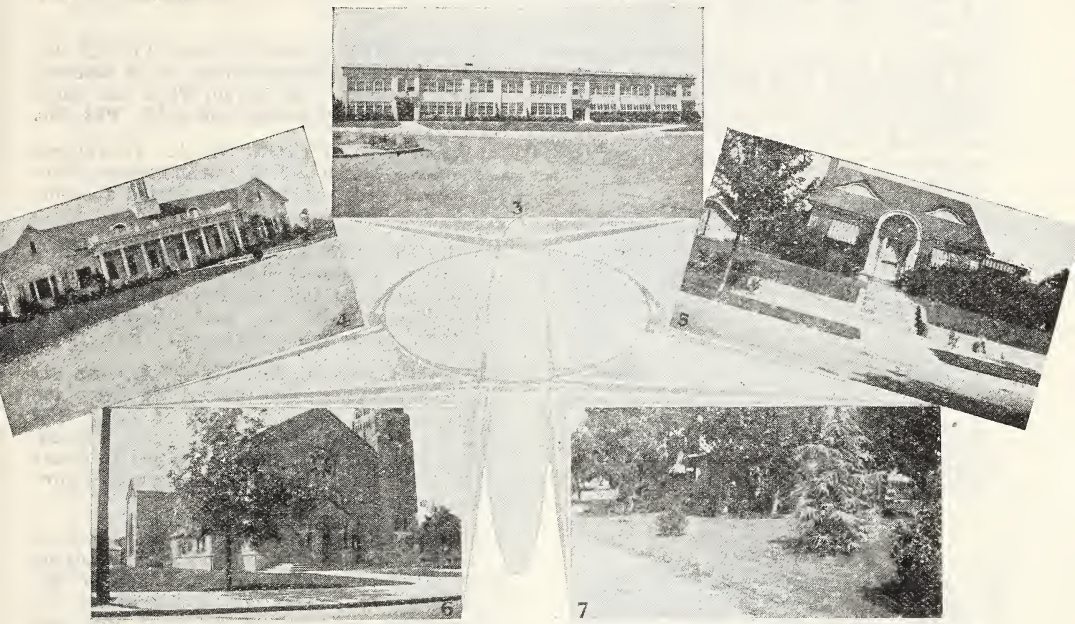
PEAT-MULL

We offer for the first time this season the celebrated G. P. M. PEAT MULL (granulated Peat Moss), a product that is being imported to this country from Germany. PEAT MULL is a humus vegetable material dug from the Peat bogs of Germany. PEAT MULL is very retentive of moisture. It binds sandy soils that will not hold moisture and breaks up heavy soils that are hard to work. It is a plant food as well, that works wonders in the garden. PEAT MULL holds moisture like a sponge. Use it freely. It is an organic material that contributes to the humus content of the soil. It has special root growth promoting substances scientifically known as auximones, comparable to vitamines in food. It is clean, odorless and pleasant to use. PEAT MULL is economical to use. One bale will spread approximately 340 square feet, one inch deep. Use PEAT MULL on soils that pack and bake. It comes in large bales which sell at a very reasonable figure. Write or call for prices.

SOW

Monarch Tested Lawn Seed

FOR FINER LAWNS



Medford's finest lawns were planted to MONARCH TESTED LAWN SEED. No. 4—Office Building of Owen-Oregon Lumber Co. No. 3—Medford High School. No. 6—Sacred Heart Church. No. 5—Home of Mrs. Louis Ulrich. No. 7—Home of T. E. Daniels.

MAKING A LAWN. First obtain pure seed. Loosen the soil in which a new lawn is to be made to a depth of at least five inches, and lighten it with humus or several inches of compost, or use well rotted manure you know to be "positively free of weed seeds." Apply fertilizer liberally either sheep manure, bonemeal or a good commercial fertilizer. Sow in the early spring when cool weather and ample rainfall will insure complete germination and a good start for the seedlings before hot dry weather comes. By all means prevent the ground from drying out, even for a few minutes while seed is germinating. Early fall is a fine time to plant. Rake the seed in well and roll so that the soil is firm over the seed. Where seed is sown on an old lawn always cover it with a top dressing of sand or soil and fertilizer. Seed thrown on the top of hard ground has no chance to grow and will merely wash off.

QUANTITY TO USE—On new lawns, use 1 lb. for 300 square feet; 2 lbs. for 600 square feet. To replenish lawns where turf is thin use half quantity.

Monarch "VEL-V-TEE" Mixture

Our "VEL-V-TEE" is made up of fine bladed grasses that will make the most luxuriant turf of lasting quality and extreme beauty. Containing a portion of quick growing grasses it will produce a lawn that will "fill in" while the permanent grasses are becoming established. Price, **lb. $1.00; (by mail $1.10).**

Monarch "ARMORY" Mixture

Many of the finer lawns of the Rogue River Valley have been sown to our "ARMORY" mixture. While it does not contain the finer bladed grasses used in our "VEL-V-TEE" mixture it is made up of the better known grasses that have been used for years in reliable mixtures put out by reliable seedsmen. This is the grass that made the beautiful lawn surrounding Medford's Armory building. The New High School lawn is from our ARMORY Mixture as is the new Pacific Telephone & Telegraph office grounds. **Price, lb. 65c; (by mail 75c.)**

KENTUCKY BLUE GRASS. We offer this grass seed in three grades, all of extra fancy quality, recleaned, free of weeds and high in germination. Extra Fancy 30 lb. seed per lb. **$1.00 (By Mail $1.10). Fancy 23 lb. seed per lb. 65c; (by mail 75c)**

WHITE DUTCH CLOVER. Extra fancy seed, free of weeds and of high germination. **Per lb. 65c; (By mail 75c).**

GERMAN BENT GRASS. For the finer lawns use Bent Grass. **Per lb. $1.75. Add 10c per lb. if to be sent by mail.**

ENGLISH RYE GRASS, Imported. For growing quickly this variety has no equal. It is light green in color, very vigorous, grows well in winter and likes any soil. Does well in shade and makes an ideal lawn for parks and public places where the turf is tramped continuously. **Per lb. 25c; (by mail 35c.)**

Monarch Flower Seeds

The following abbreviations are used to acquaint those ordering with the physical nature of plants: "H" for hardy; "HH" for half-hardy; "T" for tender; "A" for annual; "B" for biennial; "P" for perennial.

AGERATUM (HHA) (Floss Flower)—Valuable for bedding, as it is literally covered with blossoms all summer. Sow seed in early Spring in boxes to transplant, or sow outdoors and thin to 4 to 6 inches when ground is warmed and frost past.
BLUE. Pkt. 10c.

ALYSSUM (H. A.)—Dainty little white flower. Fine for borders, edging and rock work. Sow thickly in borders so as to form masses. Sow in Spring or Fall. **Pkt. 10c.**

Asters

ASTERS—Can be depended upon to produce blooms at a time when flowers are very scarce in the home-garden. Plant plenty of them, you'll never regret having done so. We can supply varieties below in all colors separately.

CREGO'S GIANT ASTERS—A giant, shaggy petaled type, with very large flowers having long, twisted petals. The stems are long and the variety is early and branching. **Per pkt. Mixed 10c.**

CALIFORNIA GIANT ASTERS—Twisted Petal Type—with petals a little broader than Crego's and less twisted. Growth is fairly compact like the old Comet variety. The fine large flowers over 4 inches across are born on long stems. **Mixed per pkt. 20c.**

AMARANTHUS (Joseph's Coat) (T. A.) 2½ feet tall. The under foliage is of blackest bronze, tipped with green, while the outer foliage is bright scarlet and gold. **Pkt. 15c.**

BACHELOR'S BUTTON (H. A.) (Centaurea Cyanus)—Often called Corn Flower. Produces flowers on tall stems varied in color and excellent for cutting. **Pkt. 10c.**

BALLOON VINE (T. A.)—A rapid growing climber. Blossoms very small and white. Light graceful foliage. Bears curiously inflated seed pods. Sow seed where it is to remain in a light, warm soil. **Pkt. 10c.**

BALSAM (Lady Slipper) (H. H. A.)—An old and favorite garden flower. It likes the hot sun, rich soil and plenty of water. Set plants from 12 to 18 inches apart. Transplanting two or three times tends to dwarf the plant into better shape, also makes flowers more double. **Pkt. 10c.**

CALLIOPSIS (H. A.)—Six inches to 2 feet. Very graceful border plants, supplying throughout summer an abundance of elegant showy flowers which are prized for bouquets. Will thrive in most any soil. **Pkt. 10c.**

Calliopsis

CANDYTUFT (Iberis) (H. A.)—The Candytuft are fine and profuse bloomers. They soon flower from seed and remain long in beauty. Fine for massing in beds and borders, and are greatly prized as cut flowers. **Mixed per pkt. 10c.**

CARNATION (Marguerite) (H. A.)—Long prized as a hardy border flower. Known to all from time beginning. **Pkt. 15c.**

CASTOR BEAN (Ricinus) (H. A.)—Those stately, strong growing plants in Medford's park presenting a tropical appearance were Ricinus. Well adapted as center plants, and claimed by some to keep moles out of the garden. **Pkt. 10c.**

CALENDULA (Pot Marigold) (H. A.)—The well known pot marigold prized by our grandmothers. Excellent for borders, and almost indispensable in the flower beds. **Pkt. 10c.**

CANARY BIRD VINE (T. A.)—A dainty vine with beautiful cut leaves and pretty, delicate flowers of clear canary-yellow. Resembles the color and shape of the bird, hence the name. **Pkt. 10c.**

CARDINAL CLIMBER (T. A.) 25 ft.—A very attractive, strong and rapid grower, attaining a height of 25 feet, with beautiful fern-like laciniated foliage. Delights in a warm, sunny location and good, rich soil. **Pkt. 15c.**

CENTAUREA IMPERIALIS (Sweet Sultan) (H. H. A.) Grows to height of 2½ feet. One of the most satisfactory cut flowers. Beautifully colored flowers borne on long strong stems; when cut will last for several days. **Pkt. 10c.**

CLARKIA (H. A.—Clarkias are popular summer annuals, all perfectly hardy; can be grown with utmost ease in ordinary soil. **Mixed colors, pkt. 15c.**

CINNAMON VINES are the most desirable, easiest grown climbers in the world. They are from China, the land of wonders. Their racemes of bloom perfumes the air for a long distance. No words can describe their delicious fragrance. **Extra large size tubers 15c each. Postpaid. Giant size 25c. Postpaid. (See illustration).**

COSMOS (H. A.)—Seed sown indoors in March or April and transplanted to open ground will produce plants 3 to 5 feet high by September. Cosmos makes an attractive flower in pink, red and white for cut flowers, lasting well when cut. **Pkt. 15c; (either straight or mixed colors).**

COBAEA SCANDENS (Cathedral Bells) (T.A.)—Climbing to 30 feet. One of the handsomest and rapid growing climbers. Flowers are bell-shaped and open a clear green but turn a beautiful purplish blue or lilac. Seed should be sown edgewise. **Very prolific bloomer. Pkt. 10c.**

CONVOLVULUS (Morning Glory) (H. A.)—The morning glory is too well known to need description, and seldom does one find a more satisfactory vine.
IMPERIAL JAPANESE. Pkg. 10c.
TALL KINDS MIXED. Pkg. 10c.

DAHLIA—Few people know the fascination of growing Dahlias from seed. Easy of culture, more seed of this popular flower should be sown. Blooms and tubers from seed in one season. **Cactus Mixed per pkg. 15c; Hybrid mixed, pkg. 35c.**

Shasta Daisies

DAISY, Shasta (P.)—A fine perennial plant, bearing large, white, single blossoms, with yellow centers; an excellent cut flower. **Pkt. 10c.**

DELPHINIUM (P.)—Few plants are as handsome in the garden as Perennial Larkspur. There are many species in cultivation some of which we list below.

Delphinium

Flower Seeds—(Continued)

DELPHINIUM—Cont'd.

BELLADONNA—Flowers clear turquoise blue. **Pkt. 20c.**

FORMOSUM—Bright blue flowers with white center bee. **Pkt. 20c.**

GIANT HYBRIDS—A fine strain with colors from pale lavender to deep violet. Grows extra fine tall stalks. **Pkt. 25c.**

DOUBLE DIANTHUS

DIANTHUS (Pinks (P.)—Nothing prettier than the old fashioned Japanese Pink. They should be in every garden. They are hardy, about one foot high, and bear beautifully colored single and double blossoms in profusion all summer. Sow seed early in boxes and transplant, or sow in rows where plants are to remain and thin.

HEDDEWIGII (Japanese Pink) — Pkt 10c.
PLUMARIUS (Grass Pink)—Pkt. 10c.
PLUMARIUS DOUBLE (Double Clove Pink)—Pkt. 10c.

DIGITALIS (Foxglove) (P)—Sow the seed during the summer or early fall and later transplant the seedlings to where they are to stand permanently. Grow two to three feet high, and should be planted two feet apart. **Mixed, pkt. 10c.**

DIMORPHOTHECA, Aurantiaca (Golden Star of Veldt) (A.)—Rare and very showy annual from South Africa, having daisy-like flowers of glossy salmon-orange shade with black central ring. **Pkt. 15c.**

EVERLASTING FLOWERS—Popularity has greeted these straw flowers from every side. Drying is a simple matter. Cut before fully expanded, bunch like sweet peas and hang on a line in a warm, dark, dry room. They will dry thoroughly in ten days.

HELICHRYSUM, mixed per pkg. 15c.
STATICE, Russian mixed, per pkg. 15c.
ACROCLINIUM ROSEUM. Pkt. 10c.

ESCHSCHOLTZIA (California Poppy) (H.A.)—Needless to give this attractive early bloomer a description, except to say that it is obtainable in colors ranging from creamy white thru pinks and yellows to red. **Per pkg. mixed, 10c.**

FORGET-ME-NOT (Myosotis) (P.)—An old favored low growing flower bearing clusters of dainty, blue, pink and white blossoms in spring. Thrives in the shade. **Pkt. 10c.**

FOUR O'CLOCK (H. A.)—Seed should be sown in the open. Grows three feet high and thrives best when spaced 18 inches. **Colors mixed per pkg. 10c.**

GAILLARDIA (P.)—A very showy garden plant with brilliant flowers in scarlet and yellow, blended and shaded. Blooms freely from early summer till autumn, on long, slender stems.
GRANDIFLORA, Mixed, pkt. 15c.

Gaillardia

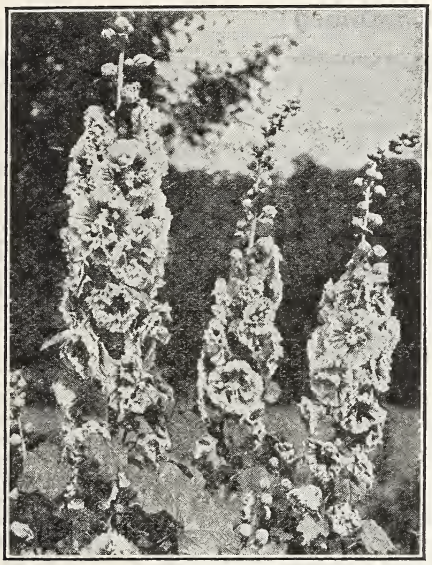
GEUM, Mrs. Bradshaw (P.)—Attractive perennial producing showy scarlet flowers all through the summer. Height 2 feet. **Pkt. 15c.**

GODETIA (H. A.)—Produces attractive free flowering plants, growing a foot or more high. The satiny, showy flowers are borne in great abundance. **Tall Sorts, Fine Mixed. Pkt. 15c.**

GOURDS (A.)—Many of these besides having interesting fruits are very ornamental when used as climbers.
Mixed Ornamental Varieties. Pkt. 10c.

GYPSOPHILA (Baby's Breath) (P.)—An excellent lacey-like flower prized for bouquets. **PANICULATA. Pkt. 10c.**

ICE PLANT (Mesembryanthemum) — The thick leaves seem to be covered with crystals. **Pkt. 10c; ¼ oz. 50c.**



Hollyhocks

HOLLYHOCK (P).—Produces tall spikes of blooms the second spring from seed. Makes a charming hedge or back ground.
DOUBLE VARIETIES. White, Maroon, Rose, Salmon, Yellow, Crimson, per pkt. 15c.
SINGLE VARIETIES: All colors, mixed pkt. 10c.

KOCHIA (Mexican Fire Bush) (H. A.)—Forms dense oval bushes, from 2 to 2½ feet high, light green in color during summer, turning firey red at Fall. **Pkt. 10c; oz. 50c.**

LARKSPUR (A)—Our selection of double Stock Flowered Larkspur far excels the common annual in form and beauty of color. Comes in Sky Blue, Carmine, Pink and Dark Blue. **Per pkt. 15c.**

LOBELIA—Elegant little plant of easy culture, completely covered with flowers from June to September.
COMPACTA, Crystal Palace. Deep blue. Pkt. 10c.

MIGNONETTE (A)—Without Mignonette in our garden, something indeed would be missing. **Mixed colors. Pkt. 10c.**

MARIGOLD—In autumn when many bedding plants have lost their bloom and are past their prime, Marigolds afford a wealth of color that is simply invaluable.
SPECIAL MIXTURE AFRICAN. Pkt. 10c.
DWARF FRENCH MIXTURE. Pkt. 10c.

NASTURTIUMS—For the time and labor required no other annual will produce such a lavish profusion of bloom for so long a time as nasturtiums, and for brilliance and variety of color they are unexcelled.
DWARF MIXTURE. Pkt. 10c; oz. 25c.
SUPERB TALL MIXTURE. Pkt. 10c; oz. 35c.

NIGELLA (Love in the Mist)—A hardy annual 1 foot high, with finely cut foliage and oddly shaped blossoms in blue and white, with curious seed-pods. Of easy culture. **Pkt. 10c.**

POPPIES—Flowers exceedingly graceful and elegant. Coming into bloom in the early Spring, Poppies serve as one of the best introductory flowers.
SHIRLEY MIXED. Pkt. 10c.

ORIENTAL—The largest Poppy. A hardy plant bearing large brilliant crimson flowers, with a black blotch in the throat. Very showy and attractive, height 2½ feet. **Pkt 15c.**

PORTULACA (Moss Rose) (T. A.)—Tender creeping annual, 6 to 8 inches high, bearing glossy, cup-shaped blossoms in very brilliant colors. Flowers love the sunshine and do best on rather dry ground. **Pkt. 10c.**

RICINUS (Castor Oil Bean)—See page 3.

PANSY—Monarch Mammoth Flowered.
MIXTURE—Pansies are produced in an almost infinite variety of colors and markings. Their brilliancy of shading, extended season of blooming and long keeping characteristics make them general favorites. **Pkt. 15c.**

PANSY PLANTS—We sell thousands of Steele's Mastodon Pansy Plants each spring. Write for prices.

PHLOX (P.)—Large compact heads of bloom from mid-summer till fall, height 2 to 4 ft. Wide range of colors. Plant seeds early in boxes and transplant seedlings once before planting to permanent locations. **Mixed. Pkt. 15c.**

Pansies

Flower Seeds—(Continued)

Phlox

PHLOX DRUMMONDI (A)—Unrivaled for richness and beauty of color, ranging from white to deepest scarlet and purple. For cutting, for bouquets or for bedding in masses they are unsurpassed. One foot high, hardy. Sow as soon as soil is warm. Transplant about one foot apart. **Large flowering mixed pkt. 15c.**

PETUNIA (H. A.)—For freedom of bloom, variety of color and effectiveness, Petunias have no equal. If only a little care is bestowed upon them, Petunias will produce their handsome, sweet-scented flowers in their delicate and gorgeous colors throughout the whole summer.
SINGLE CHOICEST MIXED. Pkt. 15c.
DOUBLE CHOICEST MIXED. Pkt. 50c.
SINGLE FRINGED MIXED. Pkt. 25c.

PYRETHRUM (P.)—Very ornamental plants blooming in early Spring with Iris. Deserving of wider culture than they have been given to date. Sow seeds early in boxes. Cover lightly with sifted soil and press down firmly. Transplant to permanent location as soon as large enough to handle. Height 1 to 2 feet. Colors: White, Flesh, Rose and Blood Red. **Choice mixed seed. Pkt. 15c.**

Monarch Spencer Sweet Peas

Our grower has devoted years to the production of Sweet Peas. More than two score varieties developed and originated by him are recognized as some of the world's best. We offer many sorts that are not listed below. Some are recent introductions, many are novelties. If you are interested in securing varieties not listed below drop us a line and we will gladly send you a complete list of our stock. Prices are postpaid.

	Pkt.	Oz.
WHITES		
Avalanche—Giant pure white (new)	10c	50c
CREAM PINK SHADES		
MARY PICKFORD—Dainty cream pink	15c	$1.00
MISS CALIFORNIA—Beautiful orange-salmon, cream pink	15c	70c
PINK SHADES		
Countess Spencer—Clear pink	10c	40c
Hawlmark Pink—Beautiful pink	15c	50c
Pinkie—Old rose pink (new)	15c	70c
PRIMROSE SHADES		
Dobbie's Cream—Large deep cream	10c	40c
Primrose Spencer—Clear Primrose Yellow	10c	40c
RED SHADES		
CAMPFIRE—Brightest Sunproof scarlet	10c	50c
King Edward—Large blood red	10c	40c
Fiery Cross—Turkey Red	10c	40c
SUNPROOF CRIMSON—Crimson won't fade in the sun	10c	40c
Charming—Deep cerise (new)	15c	60c
LAVENDER SHADES		
Powerscourt—Large lavender (new)	10c	50c
Austin Frederick—New rosy lavender	10c	50c
ORANGE-SALMON SHADES		
Doreen—Bright rose carmine (new)	10c	50c
Tangerine — Salmon-orange	15c	60c
PURPLE AND BLUE SHADES		
Jack Cornwall—Large Navy Blue	10c	50c
Mrs. Tom Jones—Large clear blue	10c	40c
Flora Norton—Light Blue	10c	40c
BLUE BIRD—Violet Blue	15c	70c
Mixture of above varieties	10c	30c
Grandiflora Mixture	10c	20c

SALPIGLOSSIS (A.)—Sometimes called Painted Tongue—Showy, funnel shaped flowers of large size. Fine for beds. Half hardy annuals. Sow in hot-bed or in boxes indoors. **Fine mixed. Pkt. 10c.**

SCABIOSA (Mourning Bride) (H. A.)—Free flowering. The flower stems are long and the blossoms keep well in water. The soft shades predominate. When given plenty of room and the seed vessels are kept regularly picked off, it will last through the whole summer. Owing to its sweetness the bees are very fond of it and its floral flavors also attract all the most beautiful butterflies to the neighborhood. **Double Mixed. Pkt. 10c.**

SWEET WILLIAM (H. P.)—Remarkably free-flowering plant of brilliant colors, ranging from snow-white to darkest crimson and purple, and emitting a very delicate and refreshing fragrance. May be sown in the open and thinned to 6 to 8 inches. Height 1 to 1½ feet. **Single Mixed. Pkt. 10c.**

STOCKS—These popular flowers are easily grown, and are so highly fragrant and of such beauty that they deserve a place in every garden.
CHOICEST MIXED. Pkt. 10c.
"CUT AND COME AGAIN." Pkt. 15c.

SALVIA—Very ornamental, flowers borne in spikes of fiery red or crimson; and continues in bloom in open ground until after severe frosts. Start in heat and transplant into light soil, one to two feet apart. Excellent for bedding in masses.
Splendens—Brilliant Scarlet. Pkt. 10c.

SNAPDRAGON (Antirrhinum)—One of the most useful and showy of border plants of almost every color. Splendid cut flower **Mixed, pkt. 10c.**

VERBENA—Start seed in the house or under glass early in the Spring and transplant after three or four inches of growth. They flower in June and continue strong and healthy until frost. Height 8 to 12 inches. **Finest Mixed Mammoths. Pkt. 10c.**

WALL FLOWER (H. H. P.)—Blooms the first year from seed. Height 1 to 2 feet. **Double Mixed. Pkt. 15c.**

WILD CUCUMBER — This is the quickest growing climber on our list. Grows wild-self-sown in many parts of our western country. **Pkt. 10c.**

Zinnias

COVER COLLECTION OF GIANT FLOWERED ZINNIAS. See the back cover showing our special offer of three packets of the Improved Double Giant Flowered Zinnias. We can supply these in many colors as listed below or in mixed colors at prices shown. Plant more Zinnias for display along our highways. Easy to grow—they produce a wealth of bloom throughout the summer giving you a display that few flowers can produce.

MONARCH DOUBLE GIANT FLOWERED

Giant Burnt Orange. Giant Buttercup. Giant Salmon. Giant Crimson. Giant Lavender.

Separate colors, **15c per pkt.; ¼ oz. 50c.**

Our Giant Mixture, **pkt. 15c; ½ oz. 65c.**

MONARCH DAHLIA FLOWERED—The largest of all Zinnias. New and special varieties have been developed. Mixed colors, **per pkt. 15c.**

CRIMSON MONARCH—The largest and best red shade. Flowers large. **Per pkt. 15c.**

DREAM—A fine shade of deep lavender, turning to mauve. **Per pkt. 15c.**

EXQUISITE—Color is light rose, with center of deep rose. **Per pkt. 15c.**

ORIOLE—An immense orange and gold bi-color, changing slightly as it ages. **Per pkt. 15c.**

BUTTERCUP—An immense deep cream yellow of lasting color. **Per pkt. 15c.**

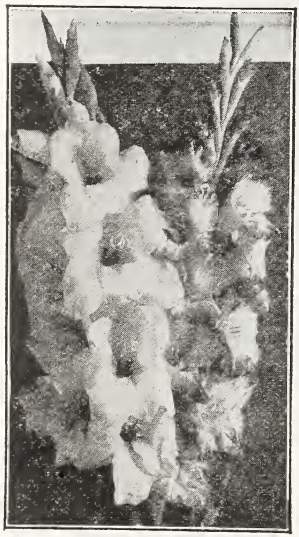
Flowering Bulbs

GLADIOLI — DAHLIAS

BULBS OF BETTER QUALITY—SURE TO FLOWER

Many new varieties listed this year.

Select some for your coming flower garden.



Gladiolus

Gladiolus

HERADA—Blooms of immense size on tall, straight spikes. The large blooms are pure mauve, glistening and clear, with deeper markings in throat. **Each, 10c; Doz. $1.00, postpaid.**

VIRGINIA—Brilliant scarlet. The most popular red variety. A vigorous grower with erect stalks. Fine for cutting and a beauty planted in masses in the garden. **Each, 8c; doz. 85c, postpaid.**

MRS. DR. NORTON—A delicate pink shading to rose pink at the tips of petals, lower petals are blotched with soft yellow. One of the best. **Each, 8c; Doz. 75c, postpaid.**

MARY PICKFORD—Flower and spike delicate creamy white, throat soft sulphur yellow. A wonderful flower and quite new. **Each, 10c; doz. $1.00, postpaid.**

PRINCE OF WALES—Warm light salmon. Early variety and one of the most remarkable of these shades. **Each, 8c; Doz. 75c, postpaid.**

ALICE TIPLADY—This is a primulinus type of Orange-Saffron hue, a sturdy grower and a charm for cutting. **Each, 9c; Doz. $1.00, postpaid.**

BARON J. HULOT—The leading purple variety with an abundance of bloom out at one time. **Each, 10c; Doz. $1.00, postpaid.**

CRIMSON GLOW—A perfect, very large deep scarlet-crimson; flowers on tall, strong spike. **Each, 10c; Doz. $1.00, postpaid.**

GRETCHEN ZANG—Pink, blending into scarlet on lower petals. **Each, 10c; Doz. $1.00, postpaid.**

GOLDEN MEASURE—This glad is the best of the yellows, very large, deep golden yellow. **Each, 10c; Doz. $1.00, postpaid.**

BYRON L. SMITH—Beautiful lavender-pink on white ground, an orchid shade. **Each, 15c; Doz. $1.25, postpaid.**

E. J. SHAYLOR—Tall beautiful, pure deep rose-pink. **Each, 10c; Doz. $1.00, postpaid.**

ROSE ASH (Ashes of Roses)—A new color in gladioli. A wonderfully vigorous grower. The color is exquisite and difficult of description. Try a few. **Each, 15c; Doz. $1.50, postpaid.**

Our Premium Mixture

This mixture sold at a bargain price is not a cheap mixture of common sorts. On the contrary this is a field grown mixture of the finer sorts. Among this mixture will be found many of Kundred's ruffled types. Buy them by the hundred. **First size bulbs per dozen, 35c, postpaid; per hundred, $2.00, postpaid.** **(See back cover.)**

Dahlias

AL. KOREN, Dec.—Immense size and perfect formation. A beautiful yellow suffused golden rod amber. **Each, 50c, postpaid.**

AURORA B., Dec.—Purple with inset petals of white. Grows on long strong stems. **Each, 50c, postpaid.**

CHARM, Dec.—Burnt orange shading to yellow; large, attractive blooms on good stems. **Each, 75c, postpaid.**

CITY OF PORTLAND, Peony—A wonderful Dahlia. Color a clear, rich, deep yellow. Immense flowers that are graceful and artistic, held upright on long stems. **Each, 50c, postpaid.**

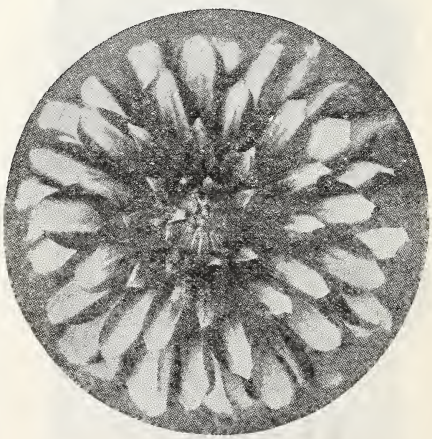
CONQUEST, Cactus—Rich crimson of large size with narrow, incurved slightly twisted petals; erect habit; long upright stems. **Each, 40c, postpaid.**

EMILY D. RENWICK, Dec.—New—A fascinating iridescent rose color. **Each, 40, postpaid.**

MRS. EDNA SPENCER, Cactus—A delicate shade of orchid pink. Beautiful form and stout stems, free bloomer, vigorous grower. **Each, 50c, postpaid.**

CATHERINE, Pom, Pom—Bright yellow. **Each, 35c, postpaid.**

LITTLE BELLE, Pom Pom—Clear Mauve Pink. **Each, 35c, postpaid.**



Dahlia

Insecticides, Sprays, Dusts

PRICES F. O. B. MEDFORD UNLESS MARKED POSTPAID. ITEMS MARKED (*) ARE POISON AND CANNOT BE SENT THROUGH THE MAILS.

***COPPER CARBONATE** — The easiest and most effective manner in which to treat grains to prevent smut. Used at the rate of 2 ounces to the bushel of grain where no infection is noticeable, and at the rate of 4 ounces where smut is bad; control will be complete. **Per lb. 35c.**

NOTE—Use Arsenate of Lead or Paris Green for leaf-eating insects. For soft-bodied sucking insects such as plant lice, aphis, etc., use contact poisons such as Black Leaf 40 or Nicotine Dusts. To prevent rust, rot or wilt on vines or vegetables use Copper Dusts or Bordeaux.

TREE TANGLEFOOT—A sticky substance used to band trees to keep insects from crawling into them. Keeps ants from carrying aphis into your cherry trees. Apply early in spring. **1 lb. 65c; 5 lbs. $2.75.**

VOLCK—A spray for garden and nursery plants. Kills Aphis, Mealy Bug, Plant Lice and Scale. **Half pint, 50c; pint, 75c. Write for prices on larger quantities.**

***BLACK LEAF 40**—Effective against aphis, thrips, leaf hoppers on all trees and bushes, vines, vegetables and flowers. **1 oz. 35c; ½ lb. $1.25; 2 lbs. $3.50; 10 lbs. $13.50.**

***GOVERNMENT FORMULA POISON BARLEY**—For eradication of digger squirrels. Made up fresh weekly. **Lb. 25c; 10 lbs. $2.00.**

Dusts

***NIAGARA NO. 6 NICO-DUST**—Used to control aphis on all crops excepting cucumbers, melons and like vine crops. Contains sulphur filler, hence is valuable used as a combination aphis and mildew treatment for roses. **Lb. 50c; 5 lbs. $2.00.** Write for quantity prices.

***NIAGARA NO. 10 NICO-DUST**—Used on melons and for squash to combat aphis; effective against squash bugs. The nymph (egg or larvae) of this insect may be controlled by frequent applications, taking special care to cover under side of leaves. Use No. 10 for aphis that survive No. 6 Apply dusts in the heat of day and use a duster. **Lb. 60c; 5 lbs. $2.50.** Write for quantity prices.

***NIAGARA ALL-IN-ONE DUST**—A general dust for the home garden and flowers. Contains lead, sulphur and copper. **Lb. 50c.**

***NIAGARA 85-15 LEAD DUST**—This is the dust that worked wonders against the corn ear worm in our valley this past season. Dust every ear with this material and you'll have a bigger percentage of saleable ears. Used also against cabbage worm. **Lb. 30c; 5 lbs. $1.00.** Write for quantity prices.

LIME SULPHUR, Dry—Lb. 35c; 5 lbs. $1.65.

***ARSENATE OF LEAD, Dry—½ lb. 30c; lb. 50c.**

BORDEAUX, Dry—A high grade fungicide—**Lb. 40c; 4 lb. pkg. 90c.**

BUNT'S POISON GAS BALLS—This is a gas ball, which, when lighted and placed in the proper position down in the runway, pours forth a deadly, poisonous gas that carries death to any living thing in the burrow. Although it means absolute destruction to the rodents it is perfectly safe for the user to handle without injury. It is non-explosive, does not deteriorate with age and is cheaper than similar materials on the market. Sure death to Moles and Diggers. Full directions with your order.

Per dozen. Postpaid.....$0.50

Snarol

The National Pest Control

SNAROL kill Slugs, Cutworms, Snails, Sow Bugs, Earwigs and Grasshoppers. Merely sprinkle Snarol around and under newly planted vegetation. Insure them against destruction. A sure economical way to preserve the beauty of your garden—the most effective way we know of to wipe out all trace of these destructive pests. Guaranteed by the makers when used as directed. Snarol is not affected by water or rain. You can sprinkle the garden after Snarol has been applied without effecting in any way the value or killing the powers of SNAROL. **Pound pkg. 40c; 3 lb. pkg. 85c.**

Please Add Postage Unless Items Are Marked Postpaid.

INSECTICIDES, SPRAYS—(Continued)

RAT-NIP

*RAT-NIP—Kills rats and mice every time. They can't resist it. Not one can escape. Used as a spread on bacon, bread, cheese. **Tube 35c.**

EL-REY—Rat poison gets the rats and mice. Ready to use. A poison grain material scented so as to lure the rats. An attractive poison that they won't pass up. **8 oz. pkg. 35c; lb. pkg. 60c. Cannot be mailed.**

NAPTHALENE—An Insecticide for the soil. Prevents and repels all soil pests such as Cut Worms, Slugs, Wire Worms, etc. Plant Napthalene with the seed and keep your root crops free of ground pests. A product of proven worth. Try some with your seed order. Apply it early when the soil is moist. **Per lb. 15c. Prices on larger quantities upon application.**

HEALTH PAINT—Paints and also disinfects, dries white. Ready to use as soon as mixed with cold water—no waiting or straining. It makes the work of whitewashing and disinfecting a matter of one operation. **5 lb. pkg. 90c. Please add postage.**

EKONOMY

DAIRY FLY KILLER

EKONOMY DAIRY FLY SPRAY REALLY KILLS FLIES AND KEEPS THEM OFF THE COW FOR HOURS. Ekonomy Dairy Fly Spray outsold all other brands of fly killers offered in Southern Oregon this past season. Dairymen using it for the first time marveled at its ability to kill and repel flies on cows and horses. EKONOMY DAIRY FLY SPRAY will not gum the hair, injure the skin, taint the milk and best of all it does KILL FLIES instantly. EKONOMY is pure and free of greasy or oily filler. It can be used around the home as a fly killer. EKONOMY is a new departure in fly sprays but guaranteed to give absolute satisfaction.

5 gallon cans, weight 50 lbs., each.....**$7.50**
Gallon cans, weight 10 lbs., each..... **2.00**

TOBACCO DUST—Used with a great degree of success in repelling and destroying slugs or snails. Also used for round worms in poultry. **2 lb. pkg. 30c; 10 lb. pkg. $1.20. Not postpaid.**

SOLVO-TEX

CLEANSER AND WATER SOFTENER

SOLVO-TEX accomplishes more, requires less time. SOLVO-TEX was designed primarily for use around the dairy but its value as a cleanser around the laundry and kitchen make its uses manifold. SOLVO-TEX is displacing many of the older cleansers in use for years and there is real reason for the switch to SOLVO-TEX. SOLVO-TEX does the work quicker and better without injury to the hands. Ask the leading dairymen of the Rogue River Valley why they use SOLVO-TEX now in preference to other brands of cleansers. Their answer will invariably be—"We like it better because it works better." A washing powder of merit.

1½ lb. package .....$ .35
10 lb. pkg. All prices F.O.B. Medford.... **2.00**
20 lb. package **3.50**

*BLUESTONE (Vitrol) — Used for treating grains against smut and potatoes against rot, scab and all similar diseases. **Lb. 15c; 10 lbs. $1.25.**

TALBOT'S FLEA and MOTH POWDER. Try a package and convince yourself of its effectiveness against these pests. **Pkg. 2 oz. 30c, postpaid.**

TALBOT'S ANT POWDER does its work well and quickly. Just sprinkle it around the pantry, window sills, wherever ants are entering the house. They will travel thru it but once.

Pkg. 2 ozs. postpaid, 30c
Pkg. 5 ozs. postpaid, 60c
Pkg. 13 ozs. postp'd $1.15

SUPERFINE DUSTING SULPHUR—Prepared purposely for dusting grapes for mildew. The fluffiest sulphur with a finely ground carrying agent, offered today. **Lb. 15c; 10 lbs. $1.00.**

HOOD RIVER TREE PAINT—Prepared expressly for use on cankers, wounds and pruning cuts on fruit and shade trees. Protects from anthracnose, heart rot, etc. **½ Gallon Can $1.15.** Weight 7 lbs.

GRAFTING WAX—We manufacture our own wax, using the best formula obtainable. This is a high grade preparation. Easy to handle. For pruning or grafting or for covering fresh cuts. **¼ lb. 15c; ½ lb. 25c; lb. 35c; 10 lbs. $3.00.**

When ordering observe whether items are postpaid or f. o. b. Medford.

THE NEW GERMACO HOTCAP

Hotkaps

Growers who prepare land and plant seed early in the spring run the dangerous risk of late frosts. Frequently it is too late, then, to plant another crop. Time and effort are wasted; money is lost. "HOT-KAPS" insure against this condition. They not only protect against frost, but shield young plants from wind and insects and eliminate the possibility of the plant being damaged in a heavy rain. "HOT-KAPS" are waterproof. They guard against too much moisture, which frequently causes a delayed and weakened growth.

1 Place "Hotkap" over plant

2 Place Setter over "Hotkap," exert slight pressure. Edges of "Hotkap" will protrude

3 Heap soil on exposed edge of "Hotkap" to weight down.

In California, the home of "HOT-KAPS" and where the most modern methods of culture are applied to "million dollar" crops, growers have discovered that by using this wonderful invention they can plant the seed directly in the field. They have found that a plant seeded in a permanent place is sturdier and more resistant to disease and insects than one that is transplanted. This is important to growers in other parts of the country who now must first plant seeds in hot-beds, then transplant them to cold frames, and again to the field. "HOT-KAPS" mean that the gardener can be first to market and so command a better price for his crops. "HOT-KAPS" more than pay for themselves. They represent the best investment a gardener can make.

"HOT-KAPS" are made of a specially prepared wax paper and are cone-like in shape, measuring about 11 inches in diameter at the base and coming to a point at the top.

4 Lift Setter, leaving "Hotkap" weighted down and in proper place.

"HOT-KAPS" have a flanged edge that is covered with dirt to hold them down. They are water-proof. Rain will not destroy them, nor will it injure or lessen their effectiveness in any way. "HOT-KAPS" are packed one thousand to the package, which weighs 25 pounds. Only the slightest pressure is required to set the cap. The "HOT-KAP SETTER" selling for $2.50 will prove very helpful where a great number of plants are set. This is a small steel cone, the exact shape of the "HOT-KAP" itself, with a handle at the top. NOTE THE ILLUSTRATIONS ON THIS PAGE CAREFULLY. SEE HOW EASILY "HOT-KAPS" ARE USED.

PRICES—1 roll, $11.50; 5 rolls, $11.00; 10 rolls, $10.75; broken lots, 1½c each. 100 Home Package, including Setter and Tamper $2.50.

DU PONT

Semesan
Semesan Jr.
Semesan Bel

Control Diseases
Hasten Germination
Increase Yields
Improve Quality

The Premier Seed Disinfectants

SEMESAN—This modern disinfectant can be applied in **either the liquid or convenient dust form** to prevent or control effectively a most diversified variety of diseases and fungous growths borne by seeds, bulbs, corns, roots, tubers, plants, grafts and soils. Semesan is harmless to seed and plant life but extremely poisonous to disease and parasitic organisms.

SEMESAN JR.—A less expensive but equally effective form of Semesan for the dry dust disinfection of both field and sweet corn seeds against the ear, root and stalk rots.

SEMESAN BEL—Applied to whole or cut seed potatoes, either as a dry powder or a whitewash-like water mixture, Semesan Bel has caused in many cases better disease-control and greater yields of disease-free potatoes than any other treatment known.

In All Package Sizes

Prices for Du Pont Semesan

2 ozs.	$0.50	5 lbs.	$ 13.00
8 ozs.	1.60	25 lbs.	62.50
1 lb.	2.75	50 lbs.	122.50

Semesan Jr. and Semesan Bel

1 lb.	$1.75	25 lbs.	$ 37.50
5 lbs.	8.00	100 lbs.	140.00

Semesan Disinfectants Make Good Seeds Grow Better—Ask for Free Booklet

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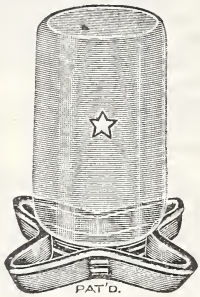
ENJOY OUR COMPLETE GARDEN SERVICE.

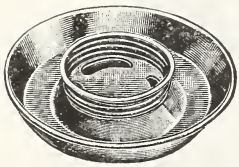
Poultry Equipment

F. O. B. Medford Unless Otherwise Noted.

STAR FOUNT, No. 32— A popular Mason Jar attachment for water. Fits any mason jar. **Each, 10c; Per Doz. $1.00, postpaid.**



No. 32



No. 142

ROUND JAR FOUNTAIN, No. 142. Fits any Mason Jar. Being round it will serve more chicks. Easy to clean. **Each, 13c, postpaid.**

TOP FILL FOUNTAIN Nos. 1, 2, and 4. Made of heavy galvanized iron, with double walls, which keep water cool in summer and retard freezing in winter. Feeds automatically. Fills from the top like an ordinary pail and is as easily cleaned.

Nos. 1, 2 and 4

No. 1—1 gal. capacity; wt. 4 lbs.; price each, $1.85
No. 2—2 gal. capacity; wt. 6 lbs.; price each, $2.85
No. 4—4 gal. capacity; wt. 9 lbs.; price each, $3.75

No. 39

Petty's

POULTRY PUNCHES— Practical punches for marking baby chicks. Punch clean holes in the web of the foot.

Petty's Punch. Each.....25c
No. 39 Punch. Each 50c

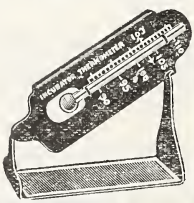
No. 138S

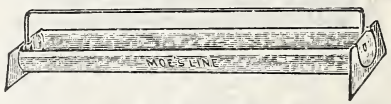
HEAVY TIN BUTTERMILK FEEDERS. Feeding troughs in tin plate. Sliding top. Easy to clean. No seams, rivets or solder. Will not poison chicks as do galvanized feeders. A clean, sanitary buttermilk feeder.

No. 137—Lgth. 10 in. Wt. 1 lb. 35c each, postpaid.
No. 138—Lgth. 20 in. Wt. 2 lb. 50c each, postpaid.

INCUBATOR THERMOMETERS. Tested and tried.

Standard. Each.....$0.75
Certified. Each..... 1.10





No. 462

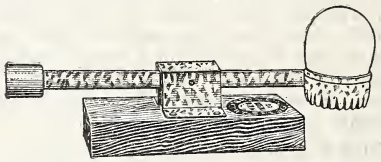
DIXIE FEEDER

DIXIE CHICK FEEDER No. 462. Made of best quality galvanized steel accurately stamped. The round troughs are easily filled and cleaned and have a turned in flange to prevent waste of feed. Width of trough 3 inches. Fitted with heavy wire top guard to keep chicks out of feeder.

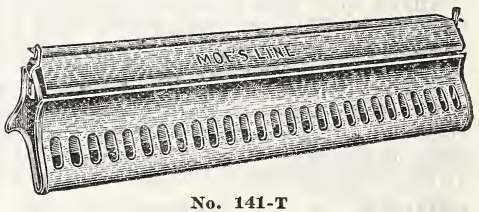
No. 460—18 in. length., Wt. 1 lb., 35c, postpaid
No. 462—30 in. length., Wt. 2 lbs., 50c, postpaid

MOE'S EGG CARRIERS—The Safety First Parcel Post Egg Carrier. One that will take hatching eggs to their destination in perfect condition. Comes complete with wrappers, fillers and gummed address label.

15 egg size, each, 30c; 30 egg size, 50c each.



PETALUMA EGG SCALE—Recognized as the favorite egg scale. Made in three sizes, 19, 22 and 24 oz. scales. **Each 50c, wt. 8 ozs.**



No. 141-T

MOE'S TILTING TOP LARGE CAPACITY CHICK MASH FEEDER—No. 141-T.—A fine feeder for large or small flocks. Tilting or swinging top guard will not allow chicks to dirty the feed. Capacity 17 quarts, length 35 inches, width 8½ inches, height 9 inches. Has 27 feeder openings on each side or a total of 54 feeder holes. Packed one in a carton. Shipping weight, 9 lbs. **Price, each, $2.25, postpaid.**

ALUMINUM LEG BANDS. These bands bear numbers from 1 to 1000. If desired in special numbers please notify. **1 doz. 15c; 2 doz. 25c; 50 for 40c, 100 for 65c.**

CELLULOID SPIRAL LEG BANDS. Universally used band markers, come in 8 colors and in different sizes to fit all breeds.

Leghorns, doz. 10c; 50, 30c; 100, 50c
R. I. Reds, doz. 15c; 50, 40c; 100, 60c
Plymouths, doz. 15c; 50, 40c; 100, 60c
Turkey, doz. 20c; 50, 60c; 100, $1.00
Please state color wanted.

Buy "Madrona Brand" Feeds.

Poultry Equipment (Continued)

China Nest Eggs

Each, 5c. Dozen, 50c

Camphorated Nest Eggs

Lice repelling nest eggs. Keep your hens free from lice and mites.

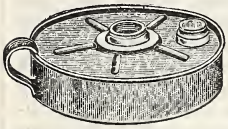
Each, 10c. 3 for 25c.

Brooder Stove Pipe and Elbows

Two feet length black sheet iron pipe, elbows of same material.

4 inch diameter, per length 30c
5 inch diameter, per length 30c
4 inch elbows, each 30c
5 inch elbows, each 30c

Incubator Lamp Bowls, Chimneys and Burners



Heavy galvanized iron bowls for incubators, brooders and grafting wax pots.

No. 100 bowl, 6 in. diameter, takes No. 1 burner, wt. 1 lb. Each.....$0.60
No. 101 bowl, 6¾ in. diameter, takes No. 2 burner, wt. 2 lbs. Each..... .75
No. 102 bowl, 8 in. diameter, takes No. 3 burner, wt. 2½ lbs. Each..... 1.00

Chimneys for Above Bowls

No. 108 fits No. 1 burner. Ea. 30c
No. 103 fits No. 2 burner. Ea. 30c
No. 104 fits No. 3 burner. Ea. 30c

Lamp Burners

No. 1 burner. Each.....35c
No. 2 burner. Each.....60c
No. 3 burner. Each.....85c

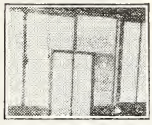
Lamp Wicks

For your incubator or brooder lamp. No. 1 burner 3c each. No. 2 burner 5c each. No. 3 burner 5c each.

FLEX-O-GLASS

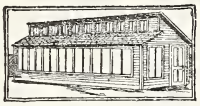
One-eighth Cost of Glass and Better

Why waste money on expensive glass storm doors and windows. Tack Flex-O-Glass—only 3½c a square foot—right over screens. Wind-proof, watertight, won't break, looks neat. And your rooms will be brighter than with glass storm windows and doors.



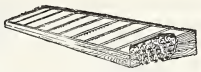
Quicker, cheaper, better than glass for garage, barn, factory and schoolhouse windows. Poultry and animals do better behind Flex-O-Glass; men work better in rooms with Flex-O-Glass windows— children do better in school rooms windowed with Flex-O-Glass. Remember! No mill work needed. Just cut with shears and tack on. Stays bright and fresh many seasons.

Hog houses must be light. Flex-O-Glass windows make interior much lighter than glass because sunshine is diffused and sent to every inside corner. Little pigs grow much faster—ready for market earlier—when given ultra-violet rays thru Flex-O-Glass.



Put chicks in a Flex-O-Glass Brooderhouse. The Ultra-Violet Rays will keep them free from rickets. You'll get broilers for market and laying pullets a third earlier. Use 15 yards of Flex-O-Glass for 300 chicks. Read in left column how American Medical Association proved the value of Flex-O-Glass to anyone raising chicks.

Plants grow faster under Flex-O-Glass, and they don't die when transplanted. Flex-O-Glass doesn't chill like glass does and it holds heat longer. Sashes are lighter and easier to handle too. Use Flex-O-Glass on your hotbeds, cold frames and greenhouses.



SPECIAL TRIAL OFFER
Send $5.00 for 15 yards of Flex-O-Glass

36 inches wide, postpaid, (135 square feet). This covers scratch shed 9x15 feet, or use for enclosing porches, for hot-beds, replacing barn, poultry or hog house windows, etc. If you desire larger rolls we can supply 50 to 100 yard rolls. In less than 15 yard rolls, 35c per square yard to which please add postage at the rate of 5c per yard.

Meteor Egg Cartons

Made of heavy paper, holding a dozen eggs. A fine container if you wish to put up your eggs in a more attractive manner for sale. **Dozen size, 20c dozen or $1.50 per hundred cartons.**

"Madrona Brand" Feeds are Better.

Poultry Remedies

Tonics—Remedies

Prices Not Prepaid, Please Add Postage

DR. HESS' Poultry Pan-A-Min

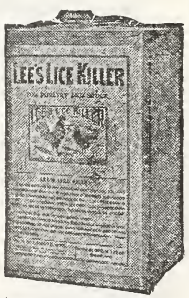
Makes poultry healthy; makes hens lay; not a stimulant, but a tonic that tones up the dormant egg organs, bringing back the scratch and cackle and compels each hen to put her share in the market basket.

1½ lb. Pkg.	$0.30
5 lb. Pkg.	.85
12 lb. Pkg.	1.75
25 lb. Pails	3.50

Lee's Vapo Spray

For the relief of Coughs, Colds, Flue and Bronchitis in Poultry and Swine. Vapo Spray is compounded of oil of pine tar, coal tar and eucalyptus, and is especially valuable in the treatment of all bronchial troubles of poultry and swine. It is used full strength for poultry by spraying it into the air of the hen house at night with an atomizing sprayer until a fog or mist is created. Half gallon size, $1.25, wt. packed 6 pounds.

Lee's Lice Killer



For poultry and stock. A special distillate of coal tar and sulphur products prepared with particular attention to uniformity of strength and quality and the preservation and retention of the insecticidal gases or volatile products contained within the fluid. It is prepared exclusively for use as an insecticide. Used as a spray or dip and is painted on roost full strength as a means of disposing of mites and lice. **Quart, 65c; ½ gallon, $1.15.**

Dr. Hess' Roup Remedy

A standard remedy for the treatment of and prevention of roup, diphtheria and all catarrhal diseases of fowls.

4-Oz. Package	25c
10-Oz. Package	50c

Dr. Hess' Instant Louse Killer

Kills lice on poultry, horses, cattle, sheep ticks, bugs on cucumbers, squash and melon vines, cabbage worms, slugs on rose bushes, etc. Sold in sifting-top cans. **Guaranteed.**

1-Pound Package	30c
2½ Pound Package	60c

LEE'S GIZZARD CAPSULES

GET POULTRY WORMS

GIZZARD CAPSULES rid your chickens of round, pin and tape worms without throwing your birds off their feed. Being insoluble these capsules pass through the crop and into the gizzard where they are ground up with the feed and the contents released into the intestines where worms exist. No starving or preliminary work necessary. Just dip capsules in oil and drop it down the birds throat. Layers badly infested with worms will show relief immediately.

50 capsules	$ 1.00
100 capsules	1.75
500 capsules	7.00
1,000 capsules	12.00

Capsules are made in two sizes. For adult birds and for chicks. Specify age of birds when ordering.

Lee's Germozone

Without a doubt Germozone is the most widely known and used poultry remedy on the market. This remedy is also used for sheep and swine. It controls diarrhoea and cures roup and should be fed regularly in the drinking water of chickens, young and old.

4 oz bottles	$0.50 each
12 oz. bottle	.85 each
32 oz. bottles	1.50 each
½ gal. bottles	2.75 each

If You Want a Treat, Try Hearts of Gold Muskmelon.

Farm Supplies

Prices F. O. B. Medford

Our stock of supplies for the farm will be found complete. Tonics, Remedies, Dairy Supplies, Feeds, etc., are a part of the large stock we carry, some of which are not found in our catalog. We solicit your inquiry when in the need of items you do not find listed herein. We have them and the prices will be right.

KOW - KARE makes poor cows better and makes more money for cow owners. Prevents abortion, retained after - birth, and cures barrenness.

Medium Cans, weight 2 lbs.....**$0.65**
Large Cans, weight 4 lbs..... **1.25**

SEND for your copy of "THE HOME COW DOCTOR," it treats on the diseases of cows, their care and proper feeding. It's FREE.

BAG BALM—A soothing, penetrating ointment for bunches, caked bag, cuts, sore teats, chapping and inflammation of the udder. Gives quick relief and cures. **Pkg. 65c; weight half lb.**

GRANGE GARGET CURE—A positive cure. Never equalled in effectiveness. **Pkg. 70c; weight 2 lbs.**

SO-BOSS COW HOBBLES—Keeps the cow from kicking. Easily applied; last a lifetime. **2 lbs.; per set 75c.** Please add postage to items not marked postpaid.

CORONA WOOL FAT COMPOUND—Corona is unexcelled for barbed wire cuts, bruises, caked udders, sore shoulders, collar boils, scratches, cracked hoofs, etc. **Small can 65c.**

DR. ROBERTS LAXOTONIC — For constipation, paralysis or stoppage of the bowels in livestock. **4 oz. can 50c.**

DR. ROBERTS COW CLEANER—For cows and heifers, for expelling the afterbirth. To prevent retained afterbirth. **1 lb. can $1.00.**

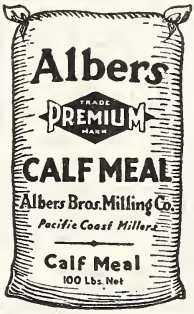
DR. ROBERTS PHYSIC BALLS—Like all of these famous stock remedies Physic Balls will do the work. **Pkg. 50c.**

DR. ROBERTS CALF CHOLERA REMEDY—Used for the prevention and to overcome scours in all live stock. **8 oz. can, $1.00.**

PINE TAR—Used for coughs and colds in stock and in case of distemper. **Half lb can 35c.**

RABBIT SALT LICK—A medicated salt formed in spool shape with hole in the center so that salt can be nailed up in the hutch. Excellent for rabbits, pigeons and pets. Packed ten cakes in a roll. **2 lb. roll, 50c. Please add postage.**

ALBER'S CALF MEAL—Raise the calves. Keep the heifers of the best cows to replace the poorer members of the herd. Calf Meal will raise a calf just as well as whole milk. Save the whole milk. Sold on a money-back guarantee.
25-Lb. Sack.....**$1.75**



Write for quantity prices.

BLATCHFORD'S Calf Meal—Probably the most popular Calf Meal on the market today. It raises your calves in the right way. Made of the best materials that money can buy, and always the same. A complete substitute for whole milk. Sold in 25, 50 and 100 lb. bags. **Sack, 25 lbs., $2.00.** Write for prices on larger lots.

BOTTLE BRUSHES—Large size, each 75c; medium size, each 55c.

MILK BOTTLES—Plain, no printing.
Quarts, weight 1¾ lbs., each.....Write
Pints, weight 1 lb., each..... for
Half pints, weight ¾ lbs., each.....Prices
Write for quantity prices.

PERFECTION PULL MILK BOTTLE CAPS

Write for Prices.

Write for Our Feed Prices.

Reliable Sprayers for General Use

BROWN'S AUTO SPRAYS are in our estimation the best that money can buy in sprayers for all purposes.

Auto-Spray No. 9

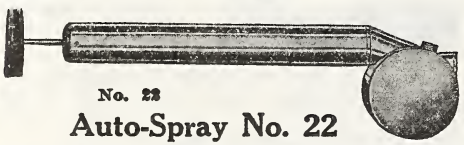
As a general utility sprayer for garden work and small tree spraying there is no equal to this fine sprayer.

A sprayer that will pay its way in and around the poultry house, the garden and barn. Can be used for all sprays. A few strokes to compress the tank is sufficient to empty the contents of the tank. made of heavy sheet brass or galvanized steel. We recommend the brass tank for the reason that it is immune from the destructive work of acids and will not rust or eat out. We quote both. Sprayer is not equipped with extension pipe.

No. 9B, Brass **$9.00**
No. 9D, Galvanized **7.00**

Auto-Spray No. 26

Illustrated on page 3 is a compressed air, continuous sprayer made either in brass or galvanized. This hand sprayer has no equal. It cannot be compared to the cheaper hand sprayers. Its construction is superior in every detail. All brass, **each $1.50; galvanized, each $1.00.**



No. 22

Auto-Spray No. 22

An inexpensive hand sprayer, made of good material with heavy leather plunger which if kept oiled will last a long time. **Weight 2 lbs. Each, 50c.**

Armstrong Standard Spray Pump No. 10

A spray pump of a hundred uses. Not merely a bucket pump. It is a bucket, barrel or knapsack pump as desired. The pump is made of heavy brass, will last a lifetime. Heavy pressure is obtainable with little effort.

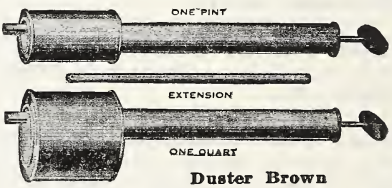
Price of Pump wt. 5 lbs..... **$6.00**
Price of Knapsack, wt. 6 lbs. **$5.00**
Send for descriptive circular.

Auto-Spray No. 5

The Double Action High Pressure Sprayer. No. 5 is generally acknowledged to be the most powerful pump of this type manufactured, generates a pressure of 200 lbs. with remarkable ease.

Throws continuous sprays on both the up and down strokes and requires about one-half the energy of other pumps of this type. This pump is equipped with three changes of nozzles, a brass suction strainer, as well as another strainer in the nozzle. A double check against sediment or dirt. Suction end contains strainer, and is weighted to keep it in the bucket or barrel. If you once used this fine sprayer you would never go back to old types.

Price of Pump, weight 5 lbs..... **$5.00**
Price of Knapsack, weight 6 lbs..... **3.75**
Price of curved Extension ..... **.75**



Duster Brown

Duster Brown

A dust gun of inexpensive cost. Very heavily constructed, a dandy for small garden work.

Pint size, wt. 2 lbs..... **$0.90**
Quart size, wt. 3 lbs..... **1.25**

Auto Spray Bucket Pump

For spraying whitewash, as well as all sorts of garden and tree sprays. Double acting. Will throw a stream 40 feet. Rubber tubing, spray nozzle and straight stream nozzle. Shipping wt. 8 lbs. **Each, $4.50.**

"Everything For The Garden."

Bee Supplies

NOTE—Hives are packed knocked down, five in a crate, and too large for parcel post shipment. Individual nailed hives can be sent by parcel post. If hives are wanted knocked down in less than lots of five, the nailed price prevails. This is to cover breakage of crates and counting out and sorting of parts. Where less than five hives is wanted it is cheaper to order nailed hives.

MONARCH SEED COMPANY'S WESTERN HIVES, Figs. 75 and 76—A highly finished, substantial, dove tailed pine hive with cover, bottom, super, brood chamber, frames; not including sections or wax. Equipped with section or extracting super (Fig. 76).

		Nailed	5 K. D.	Wt. 5
8 Fr. 1½ Story Hive (Fig. 75)	Each	$4.25	$17.00	150 lbs.
8 Fr. 1 Story Hive, without wax or sections	Each	3.00	11.00	105 lbs.
8 Fr. Hive Body, empty	Each	1.25	4.25	35 lbs.
8 Fr. Hive Body with frames, no wax	Each	1.75	7.50	50 lbs.
8 Fr. Hive Covers	Each	.75	2.85	40 lbs.
8 Fr. Hive Bottoms	Each	.65	2.50	40 lbs.
8 Fr. Super, complete, no wax or sections	Each	1.35	5.75	35 lbs.
8 Fr. Extracting Super, complete, no wax	Each	1.35	5.75	35 lbs.

FOUNDATION WAX—Experienced bee-keepers will not dispute the fact that it pays to use wax starter, and use full sheets in the brood frames and supers. Wax starter makes a foundation upon which the bees can build straight and even combs.

Medium Brood, lb. $0.90
Light Section, lb. 1.00

Write for prices on larger quantities.

BROOD FRAMES—Standard Hoffman Self-Spacing Frame is the one we always supply with our hives unless otherwise specified. The most popular account of its self- spaceing feature.

Each $0.08
Per 100 ..... 7.00

Shipping weight per 100, 50 lbs.

SECTION HOLDERS—

Each $0.05
Per 100 ..... 4.50

Shipping weight per 100, 25 lbs.

EXTRACTING SUPER FRAMES—

Each $0.09
Per 100 ..... 8.00

Weight per 100, 40 lbs.

SEPARATORS—Used between each two rows of sections.

Western ..... 2c each; $1.50—100
Eastern ..... 3c each; $2.50—100

BEE BRUSH (Bristle)—Postpaid, 50c each.

WAX TUBE FASTENERS (Van Duesen)—Each, 50c, postpaid.

WIRE EMBEDDERS (Spur Wire)—Postpaid, each, 50c.

BEE ESCAPE (Porter)—Postpaid, each 50c.

ENTRANCE GUARDS—Used to prevent the entrance of strange swarms. Postpaid, each 45c.

BEE GLOVES—Strong, sting proof. Postpaid, per pair, $1.00.

ALLEY QUEEN AND DRONE TRAP—Automatically catches and cages the drones in a trap where they can be destroyed. Each, postpaid, $1.10.

BEE SMOKERS (Bingham Doctor)—

Each $2.00

BIG SMOKE SHIELD—

Each $3.00

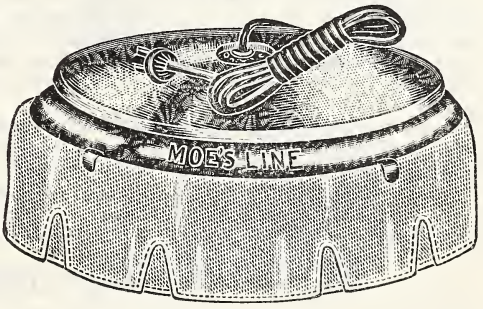
LITTLE WONDER—

Each $1.50

Prices postpaid.

SECTIONS—White basswood lumber used in their manufacture; 4¼x4¼x1⅞ standard size. Per 100, postpaid, $1.85.

Moe's Electric Brooder

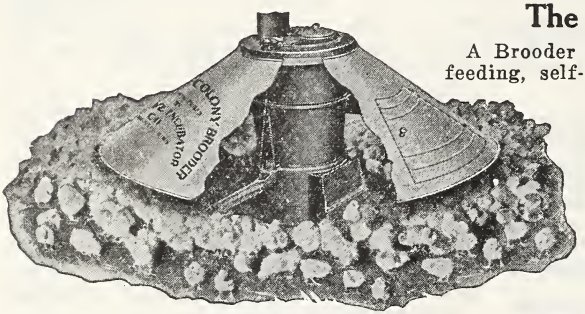


An efficient, clean and economical brooder fitted with a specially constructed heating unit. Will give an even continuous heat properly distributed to insure the health and comfort of the chick. Inexpensive to operate. Capacity 75 chicks. Diameter of Canopy 19 in. Height of Hovering space 6½ inches. Total height 8 inches. Complete with canvas curtain. Packed one in a carton. Shipping wt. 12 lbs. Regularly furnished for 110 volt light circuit, but can also be supplied for 220 volt or 32 volt farm light circuit. **Price each, $10.**

Please Add Postage Unless Items Are Marked Postpaid.

Buckeye Colony Brooders

Biggest Brooder Values Ever Offered the Public



The Coal-Burning Buckeye

A Brooder that burns hard or soft coal, is self-feeding, self-regulating, simple, safe and everlasting. Nothing to break—nothing to wear out. Equipped with a double automatic regulator that absolutely controls the temperature every minute of the day and night. Stove is of heavy cast iron, equipped with rocker grate. Self-cleaning and anti-clog.

	No. 117	No. 118	No. 119
Chick Capacity	350	500	1000
Height of Stove	20 in.	20 7/8 in.	23 7/8 in.
Diameter of Base	11 in.	12 13/16 in.	13 1/2 in.
Diameter of Grate	8 1/4 in.	9 3/16 in.	10 9/16 in.
Diameter of Canopy	42 in.	52 in.	56 in.
Coal Capacity	23 1/2 lbs.	36 lbs.	58 lbs.
Smoke Pipe	4 in.	5 in.	5 in.
Shipping Weight	75 lbs.	95 lbs.	130 lbs.

WRITE OR SEE US FOR PRICES

THE BUCKEYE REVOLVING BROODER CANOPY

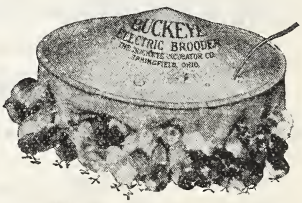
All Coal-Burning Brooders are equipped with a revolving canopy, having two doors, eliminating the canopy bail, rope and pulleys, and permitting easier cleaning around the Brooder. Note the following coal capacity, size, and weight of stoves, diameter of canopies, size of grates, and compare them with other Coal-Burning Stoves of the same chick capacity on the market today.

Buckeye "Electric" Brooders

After four years experimental and development work the Buckeye Electric Brooder has been perfected. Poultrymen can now secure a brooder heated by electricity that will give them maximum of brooding satisfaction without the disadvantages that have heretofore been common with brooders of the electric type.

Buckeye "Electric" Brooders are made in four sizes, with capacities of 50, 100, 200 and 300 chicks. These brooders are underrated and will actually take care of the rated number of chicks

Write for Prices and Descriptive Booklet.



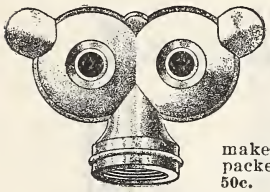
Buckeye "Rite-Heat" Oil-Burning Wickless Brooders

THE BUCKEYE "RITE HEAT" BROODER IS THE GREATEST OIL-BURNING BROODER EVER DEVELOPED.

Buckeye has supplied a brooder that burns oil that will give the same efficient performance as the Coal Burning type listed above. This announcement comes as a relief to those who are not accessible to coal supplies and who have been placed at a disadvantage with improper performing oil burning brooders. "Rite Heat" is wickless, economical to operate and highly efficient. The regulation of a "Rite Heat" is simple, the heat is steady and the stove is absolutely safe to operate. Made in two sizes, 48 inch canopy, 500 chick capacity; 62 inch canopy, 1000 chick capacity.

WRITE FOR PRICES AND DESCRIPTIVE BOOKLET.

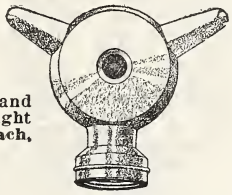
Garden Tools, Nozzles, Sprinklers, Etc.



Twin

TWIN SPRINKLER. Made of metal, brass lined, throws a double shower of water. More water is thrown with this sprinkler than most makes of its type. Weight packed 2 lbs. **Price, each 50c.**

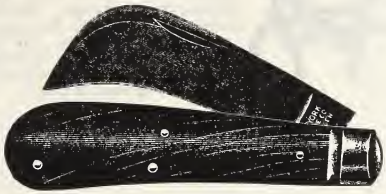
WILGUS SPRINKLER. The most popular sprinkler we handle. This type is superior in type of construction and does its work well. Weight packed, 21 lbs. **Price each, 60c.**



Wilgus

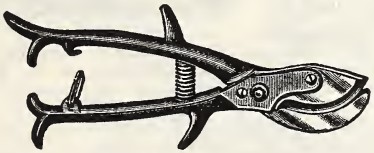
No. 2

TROWEL No. 2. Drop shank, solid socket, hardwood handle. Crucible steel blade, tempered and polished. Wt. 1½ lbs. packed. **$1.00 each.**



No. R-698

POCKET PRUNING KNIFE R-698 & 708. Two sizes 3 5/8 in. handle, and 4 1/8 in. handle. Cocobolo handles; steel lining, steel bolster with thong hole. One blade, weight ½ lb. packed. **Price each, small size $1.00; larger size, $1.25.**



PRUNING SHEARS. We can supply all types of shears made of the best materials.

WISS PRUNING SHEARS, weight 1 lb., $1.50 each.

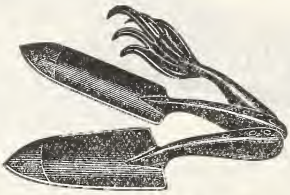
SUNSET SHEARS, weight 1 lb., $1.00 each.

BLAICH SHEARS, weight 2 lbs., $1.50 each.

MOE'S ROSE SHEARS. A lady's rose pruning shears, nickel plated, length 5 inches, weight 1 lb. **$1.25 each.**

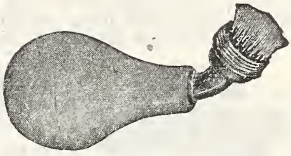
CLEAN-CUT PRUNING SHEARS. For light work around berry bushes, shrubs and rose bushes. Length over all, 14 inches. weight 5 lbs., **$2.00 each.**

CARTWRIGHT PRUNING SHEARS. The standard of perfection in heavy shears. Length over all 30 inches, **weight 6 lbs., $3.50 each.**



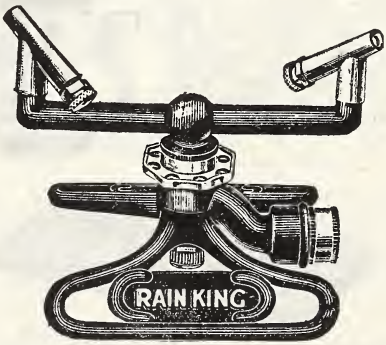
MOE'S THREE PIECE GARDEN SET. Made of heavy pressed steel, handsomely finished. Shipping weight 2 lbs. Set of of three tools 75 cents.

PLANT SPRINKLER No. 63. Excellent for use in watering seed pans or boxes planted to very fine flower or vegetable seeds. Can also be used for sprinkling clothes. In watering very fine flower seeds, the danger of washing them out is eliminated by using this plant sprinkler. **Weight 1 lb. Each, $1.25.**



No. 63

RAIN-KING NOZZLE. A new departure in the line of sprinklers. Made of heavy bronze it will last a life-time. Changing from a coarse spray to a fine mist then closes with but a quarter turn. If you want a better sprinkler invest in a Rain-King. **Each $1.50.**



RAIN-KING LAWN AND GARDEN SPRINKLER. A sprinkler that works better on low pressure than it does on high. Adjustable to any sort of spray. Can be set to sprinkle out corners after it has sprayed by whirling in a circular fashion. **Each, $3.75. Weight 4 lbs.**

BOSTON NOZZLE. The well known hose nozzle, adjustable to fine or coarse spray. **Each 75c.**

GARDEN HOSE. We offer a superior grade of moulded heavy rubber hose at a price that appeals to all who wish a quality piece of goods. Per foot in 50 or 100 foot lengths, including all fittings. **15 cents.** We can cut any length desired. **Washers at 5c per dozen.**

Space Won't Permit Our Listing all of Our Line. Come in and get Acquainted.

GARDEN ACCESSORIES—(Continued)

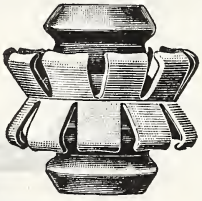
ROSS SPRINKLER—The sprinkler of more than ordinary worth. The Ross will throw more water than any other hand sprinkler on the market, and throw it in such a way as to meet all requirements of a seed-bed, seedling lawn or of established plantings. Made of heavy brass, solidly built, the Ross will last indefinitely. Include one with your seed order. **$1.00 each; weight 1 lb.**

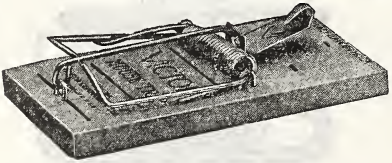
FLARING ROSE SPRINKLER — Similar to the Ross. A worth-while sprinkler. **65c each; wt. 1 lb.**

"PERFECT CLINCHER" Hose Repairers. The best hose repairer on the market. Just cut off the hose at the break and by inserting hose into and behind clamps, forcing clamps in with a hammer the hose is mended water-tight in a jiffy.

5/8 in. brass. Each.....25c
3/4 in. (same price) **Pr. 40c Postpaid.**

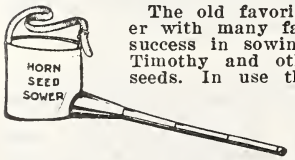
"PERFECT CLINCHER" Center Mender. Should your hose spring a leak or crack just cut it in two and make the repair with a "Perfect" Clincher. 5/8 in. galvanized. **Each, 20c; 3/4 in. Mender at same price. Postpaid.**





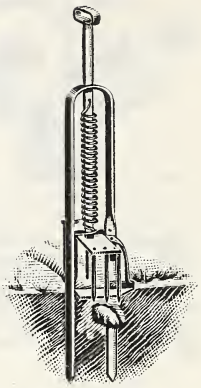
VICTOR MOUSE TRAP. Each.....5c
5 for 20c postpaid, with other goods.

THE HORN BROADCAST SEEDER

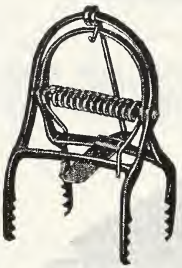


The old favorite broadcast seeder with many farmers. Used with success in sowing clovers, Alfalfa, Timothy and other small, smooth seeds. In use the operator walks back and forth across the field swinging the long spout or "Horn" back and forth. the seed being thrown out by centrifugal force. Shipping weight 2 lbs. **Price each, $1.00. Don't forget postage.**

REDDICK MOLE TRAP. The most popular Mole Trap on the market. Made of tinned steel. Japanned steel coil spring. Six steel prongs, 5 inches long. Simple, safe and strong. Pulling up the plunger rod of this trap the trigger catches itself, making it a self-setting trap. The Reddick works perfectly in loose soil, but in case of packed or hard soil we do not recommend it. The OUT-O-SIGHT trap is the best trap for use in soil that is pebbly, rocky or packed. Weight 4 lbs. **Each, $1.50.**

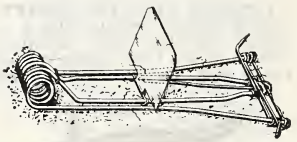


Reddick



OUT-O-SIGHT MOLE TRAP. Absolutely reliable. Directions for setting and full directions of the moles habits furnished with each trap. Heavy powerful springs, malleable iron jaws. Teeth designed so as not to injure the hide. Height 8½ inches. Spread of jaws, 2¾ inches. Weight each, 1½ lbs. **Price, $1.50.**

MACABEE GOPHER TRAP. There are more Macabee Traps sold than all other makes combined. They are inexpensive and very efficient. Designed for exterminating the wily Pocket Gopher. Weight 1¼ lb. **Price, each 25c**

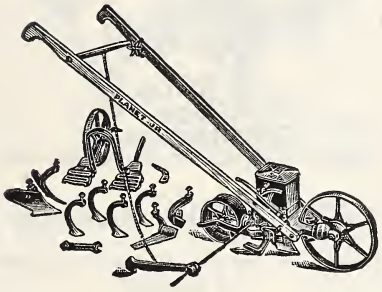


"CYCLONE" SEEDER is the most widely known and used seeder of all broadcast seeders. The working parts are all attached to a rigid frame of kiln-dried lumber. Built into this is a sloping feed-board that forms the bottom of the seed compartment. It is unnecessary to tilt the machine as gravity keeps the seed flowing down to the outlet until seed bag is empty. Shipping weight 5 pounds. **Price, $2.50.**

Please add postage to items not postpaid.

BUY THE BEST — WE DO.

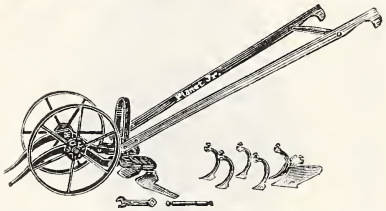
Garden Planet Jr. Tools



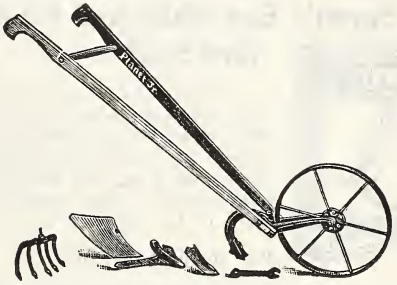
No. 25 PLANET JR. HILL AND DRILL SEEDER, DOUBLE AND SINGLE WHEEL HOE. Sows practically all vegetable seeds in straight rows or drops in hills.

No. 25 includes a double wheel hoe in addition to the equipment of No. 4. With the double wheel hoe you can straddle the row until the plants are 20 inches high, cultivating both sides at one time. Equipment includes a pair of 6 inch hoes, four steel cultivator teeth, a pair of garden plows, a pair of leaf lifters, and the extra wheel and axle bolt. Capacity 2½ quarts. **Price, $22.50. Shipping weight, 60 lbs. F. O. B. Medford.**

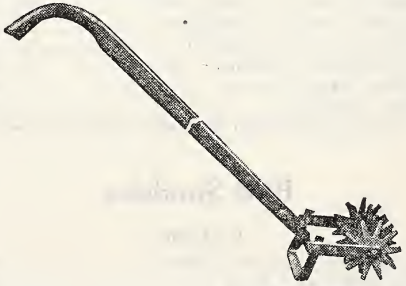
NO. 4 HILL AND DRILL SEEDER AND SINGLE WHEEL HOE. The biggest selling combined seeder and wheel hoe of its kind. Just what the home gardener or small market gardener wants and needs. Sows in straight drills or drops in hills 4, 6, 8, 12 or 24 inches apart. Capacity 2½ quarts. Cultivating equipment includes a pair of 6 inch hoes, three steel cultivator teeth, a large garden plow and leaf lifter. **Complete, price $19.00; Seeder only $15.50. Shipping weight 50 lbs., F. O. B. Medford.**



NO. 12 PLANET JR. DOUBLE and SINGLE WHEEL HOE. Here is a very popular wheel hoe, garden cultivator and plow for the home gardener; also liked by market gardeners. Equipment includes a pair of 6 inch hoes, four steel cultivator teeth, a pair of garden plows, a pair of leaf lifters. Straddles the row until plants are 20 inches high, cultivating both sides at one time. When plants grow too high it can then be used as a single wheel hoe between the rows. Wt. 33 lbs. **Price, $12.00, F. O. B. Medford.**



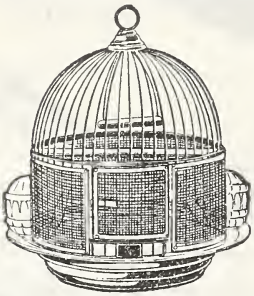
NO. 19 PLANET JR. SINGLE WHEEL HOE. Very popular as it includes tools that are most needed by the home gardener. Illustration shows equipment furnished with this wheel hoe. Wt. 25 lbs. packed for shipment. **Price, $6.75 F. O. B. Medford.**



PLANET JR. STAR PULVERIZER, LEVELER AND WEEDER. For preparing seed beds and after crops are started use between rows as a weeder, cultivator or crust breaker. Wt. 5 lbs. **Price $3.50, F. O. B. Medford.**

Pet Supplies

Bird Cages



Style "E"

STYLE "E"—This attractive All Brass Cage completely equipped with extra bottom pan, seed screen and white cups. One size only.

10 inch diameter. **Each**..... **$3.25**

Weight packed 5 pounds.

Spratt's Egg Flake and Fruit Bird Seed

A scientifically compounded food for your songster. Contains dried fruit, flaked egg, no hemp. An ideal food for your canary as a regular diet. Unquestionably the best bird seed on the market.

Per lb. package, postpaid 35c

Haller's Bird Foods and Tonics

Haller's Moulting Food. Pkg.	25c
Haller's Nestling Baby Food. Pkg.	15c
Haller's Health Food. Bottle	25c
Haller's Canary Health Grit	15c
Haller's Feather Restorer	25c
Haller's Canary Bird Pie	15c
Haller's Song Restorer	30c
Haller's Mite Liquid	30c
BIRD MANNA	15c

To cover postage and wrapping, add 5c to above.

Bird Sundries

Postpaid

Cage Cups, Crystal. Each	15c
Cage Springs. Each	15c
Cuttle Bone, large piece. Each	10c
Cage Brackets, brass. Each	25c
Perches, state length wanted. Each	10c
Bath dishes. Each	30c

Dog Remedies

Clayton's Dog Remedies

(Postage extra on all Dog and Cat Remedies and Supplies).

Mange Remedy	60c
Skin Lotion	60c
Distemperine Liquid	60c
Condition Pills with Pepsin	60c
Blood Purifying and Cooling Tablets	60c
Digestive Tablets	60c
Laxative Pills	60c
Worm Pills	60c
Tape Worm Expeller	60c
Vermifuge Soft Capsules	60c
Vermifuge	60c
Canker Lotion	60c
Distemperine Tablets	60c
Eye Lotion	60c
Fit Remedy	60c
Cough Remedy	60c
Puppy Tonic	60c
Rheumatic Tablets	60c
Diarrhea Remedy	60c
Chorea Tablets	60c
Kilflea Soap	25c
Kilflea Powder	35c

Add 5c to each item to cover postage and packing.

SONG BIRDS

American or Imported Birds

Hartz Mountain Trillers.
St. Andreasberg Rollers.
American Warblers.
Australian Love Birds.

Our prices range from $5.00 to $15.00 for singers. If interested in a bird drop us a line for prices.

We carry a full line of Bird Seeds, Hemp, Canary, Rape and Millet. If you wish a special mixture for your birds send us your formula and we will mix the seed for you. Our price is **20c per pound** mixed to suit. **27c per lb. postpaid.**

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M·G·K QUALITY

EVER GREEN

NON-POISONOUS INSECTICIDE

SPRAY YOUR PLANTS

THIS NEW SAFE WAY

EFFECTIVE against most other plant pests, including Cucumber and Melon Beetles, Cabbage Worms, Rose Slugs, Leaf Hoppers, Currant Worms, etc.

SAFE—Kills only insects—harmless to man, live stock, birds and pets.

NON-INJURIOUS—Spray freely on the tenderest plants. Won't injure the ground.

EASY TO USE—Just mix with water and stir. No unpleasant odor.

WON'T GUM SPRAYERS—No bad effect on metal or rubber. Stays in solution and can't clog sprayers.

LIST PRICES

1½ ounce bottles	$ 0.35
6 ounce bottles	1.00
16 ounce bottles	2.00
32 ounce bottles	3.50
1 gallon bottles	13.00

Ever Green Can be Sent Through the Mail.

Bulk Prices on Request.

ORDER TODAY

SPECIAL OFFER!

Mixed Gladiolus (See Page 34)

Per Dozen, Postpaid 35c Per 100 $2.00 Postpaid

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